



FLORIDA MEMORIAL UNIVERSITY

UNDERGRADUATE CATALOG
2006 – 2007



Digitized by the Internet Archive
in 2012 with funding from
LYRASIS Members and Sloan Foundation

<http://archive.org/details/floridamemorialu45flor>

FLORIDA MEMORIAL UNIVERSITY

C A T A L O G

2006 – 2007

Birthplace of "Lift Every Voice and Sing"

Catalog Number 45

Florida Memorial University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award bachelor's and master's degrees. The University is also chartered by the State of Florida.

Florida Memorial University
Nathan W. Carter Library
15800 NW 42nd Avenue
Miami Gardens, FL 33054-6199

GENERAL



INFORMATION

STATEMENT OF DISCLOSURE

The information contained in this catalog represents the current requirements, regulations, programs, fees and other charges of Florida Memorial University. Regulations and requirements stated herein, including fees and other charges, are subject to change without notice at the discretion of the Board of Trustees and the President of the University. The University further reserves the right to require a student to withdraw at any time as well as the right to impose probation on any student whose conduct is unsatisfactory. Admission based on false statements or documents will be voided. Credit will not be granted for classes taken under these circumstances. In addition, tuition or fees paid will not be refunded if a student is dismissed or suspended from the University for cause. Any balances owed the University are considered receivable and will be collected.

Florida Memorial University maintains a system of records which includes application forms, letters of recommendation, admission test scores and student transcripts. Records are made available upon written request through the Office of the Registrar. Direct access and disclosure to a third party are prohibited by law. Access is given only upon written consent by the student or if required in legal matters. Disclosure of student records to parents is not prohibited if the student is listed as a dependent on the federal income tax form of the parent. A person does not have the right of access to educational records until he or she has been admitted and has actually begun attending Florida Memorial University.

Parents of dependent students will be provided a hearing by Florida Memorial University if they wish to challenge the contents of the record. If still not satisfied, the parents of dependent students may add explanatory or rebuttal materials to the record.

Florida Memorial University practices a policy of nondiscrimination in employment and admission. It is a policy of the University to provide equal opportunity to all persons without regard to race, religion, color, national origin, citizenship, age, sex, marital status, disabilities, labor organization membership, political affiliation, height, weight, and record of arrest without conviction.

TABLE OF CONTENTS

GENERAL INFORMATION

Statement of Disclosure iii
Academic Calendar vii

UNIVERSITY INFORMATION

Institutional Statement of Purpose 3
Accreditation 4
Campus Facilities and Resources 6
Campus Directory 9
Requirements for Admission to the University 11
Financial Information 15
Schedule of Tuition and Fees 15
Payment of Tuition and Fees 18
Exam Permit 19
Refund Schedule 21
Freshmen and New/Transfer Student Orientation 21
Anti-Hazing Policy 22

ACADEMIC INFORMATION

Academic Affairs 24
Degree Programs 25
Academic Standing 28
Graduation Requirements 34
Grading System and Quality Points 35
Grade Reports 36
Academic Honors 36
Honor Societies 37
Change of Grades 39
Add, Drop and Withdrawal 40
Academic Honor Code 42
Career Development 46
University Library and Services 48
Testing Center Services 49
Core Curriculum 50
Honors Program 53
Freshman Studies 54

ACADEMIC SCHOOLS

School of Arts & Sciences	58
School of Aviation, Safety & Security	116
School of Business Administration	123
School of Education	142
School of Graduate Programs & Continuing Education	155
School of Health & Natural Sciences	162

COURSE DESCRIPTIONS	180
----------------------------------	-----

UNIVERSITY PERSONNEL	282
-----------------------------------	-----

INDEX	299
--------------------	-----

CAMPUS MAP

1. Main Entrance - A.B. Coleman Jr. Drive, Welcome Center
2. Lion Statue
3. Tennis Courts
4. J.T. Brown Residence Hall
5. A.B. Coleman Sr. Residence Hall
6. Florida Memorial University Head Start Center
7. R. Ray Goode Residence Hall
8. Willie C. Robinson Residence Hall
9. J.C. Sams Student Union
10. William Lehman Aviation Center
11. Entrance Gate 2
12. James Weldon & J. Rosamond Johnson Fine Arts Building
13. Music Annex
14. Albert E. & Sadie B. Smith Dining Hall/Conference Center
15. FIU/FMC Cooperative Use Building
16. Celestine Dixon & Sarah Rice Fountain of Excellence
17. Lou Rawls Center for the Performing Arts
18. M. Athalie Range Science Hall
19. Athletic Annex
20. A. Chester Robinson Athletic Center
21. Entrance Gate 1
22. Harry T. Moore Memorial Baseball Field
23. Sarah A. Blocker Hall
24. Nathan W. Collier Library
25. Royal Puryear Administration Building

26. Alice B. Coleman & Katherine Westfall Physical Plant
27. Alumni Affairs
28. Counseling Center
29. Human Resources
30. Health Center
31. Church Relations
32. Andrew Anderson & Donald Bacon Service Center
33. Student Publications
34. Urban Affairs
35. Public & Governmental Affairs
36. Pre-College Outreach
37. Student Services Building
38. Susie C. Holley Religious Center



ACADEMIC CALENDAR

FALL SEMESTER, 2006

AUGUST

- 9 Last day to clear the Business Office – Students who registered early for the Fall 2006 semester
- 11 Faculty/Staff Conference
- 12 Residence Halls Open – NEW STUDENTS ONLY
Orientation Begins
- 12-19 Campus Life Orientation and Testing NEW STUDENTS ONLY
- 14 CSI Testing
- 15 Advising and Registration - NEW STUDENTS ONLY (9:00am - 5:00pm)
- 16 Advising and Registration – NEW and RETURNING STUDENTS (9:00am - 7:00pm)
- 17 Residence Halls Open - RETURNING STUDENTS
Advising and Registration - ALL STUDENTS - MAIN CAMPUS (9:00 a.m. - 7:00 p.m.)
Continuing Students who did not register early will be assessed a \$50 fee at registration.
- 18 Advising and Registration - ALL STUDENTS – Main Campus (9:00 a.m. - 5:00 p.m.)
- 19 Advising and Registration - ALL STUDENTS – Main Campus (9:00 a.m. - 1:00 p.m.)
- 19 Purge (drop) of students who have not cleared the Business Office. (1:00 p.m.)
Adjunct Faculty Orientation
- 21 UNDERGRADUATE CLASSES BEGIN
- 21 GRADUATE CLASSES – (SESSION A) BEGIN
Late Registration Begins - \$50 fee (8:30 a.m. – 5:00 p.m.)
Add/Drop Begins (\$ 10 fee) (8:30 – 5:00)
- 22 Late registration - Add/drop (8:30 a.m. – 5:00 p.m.)
CSI Testing Freshman Year Experience
- 23 Late registration - Add/drop (8:30 a.m. – 7:00 p.m.)
- 24 Late registration - Add/drop (8:30 a.m. – 7:00 p.m.)
- 25 Late registration – Add/drop Ends (8:30 a.m. – 5:00 p.m.)

SEPTEMBER

- 4 Labor Day Recess (NO CLASSES)
- 5 Classes Resume
- 7 Fall Convocation
- 15 Deadline to Apply for Fall 2006 Graduation
- 29 Annual Appreciation Dinner

OCTOBER

- 9-14 Mid-Term Examinations (Exam Permits required - See Student Accounts Office)
- 13 GRADUATE CLASSES – (SESSION A) END
- 14 Miss FMU Coronation
- 16 GRADUATE CLASSES – (SESSION B) BEGIN
- 17 Mid-Term Grades Due

NOVEMBER

- 7 Early Registration for Spring 2007: through Dec. 16
Enrolled students who do not register early will be assessed a \$50 fee at registration
- 10 Last Day to Withdraw (WP/WF)
- 10 Deadline to Apply for Spring 2007 Graduation
- 13 Fall 2006 Graduation Fee Due
- 21 Donation Day
- 23-25 Thanksgiving Recess
- 27 Classes Resume

DECEMBER

- 1 Deadline to Remove Incomplete Grades
(Spring & Summer 2006)
- 1 Deadline for Credit by Examination
- 1 Last Day to Withdraw Officially from the University
Last day to clear the Business Office – Students who registered early for the Spring 2007 semester
Reading Day
- 1-3 Annual Holiday Musical Weekend
- 2 Last Day of UNDERGRADUATE Classes
- 4-9 Final Examinations (Exam Permits required - See Student Accounts Office)
- 8 GRADUATE CLASSES – (SESSION B) END
- 9 Residence Halls Close at 5:00 p.m.
- 12 Final Grades Due by 12:00 p.m.

Dec. 18, 2006 - Jan. 1, 2007 Campus Closed for the Holidays

SPRING SEMESTER, 2007

JANUARY

- 2 Residence Halls Open - NEW STUDENTS ONLY
- 2 Faculty/Staff Conference
- 3 Orientation and Testing - NEW STUDENTS ONLY
(9:00 a.m. - 7:00 p.m.)
- 4 Advising and Registration NEW and RETURNING
STUDENTS- Main Campus (9:00 a.m. - 5:00 p.m.)
Continuing Students who did not register early will be assessed
a \$50 fee at registration
- 5 Residence Halls Open - RETURNING STUDENTS
Advising and Registration - ALL STUDENTS – MAIN CAMPUS
(9:00 a.m. - 5:00 p.m.)
- 6 Advising and Registration - ALL STUDENTS – MAIN CAMPUS
(9:00 a.m. - 1:00 p.m.)
Purge (drop) of students who have not cleared the Business
Office. (1:00 p.m.)
- 8 UNDERGRADUATE CLASSES BEGIN
- 8 GRADUATE CLASSES – (SESSION A) BEGIN
Late Registration Begins (8:30 a.m. – 5:00 p.m.) (\$50 fee)
Add/Drop Begins (\$ 10 fee) (8:30 am – 5:00 p.m.)
- 9 Late registration - Add/drop (8:30 a.m. – 5:00 p.m.)
- 10 Late registration - Add/drop (8:30 a.m. – 7:00 p.m.)
- 11 Late registration - Add/drop (8:30 a.m. – 5:00 p.m.)
- 12 LATE REGISTRATION ENDS (8:30 a.m. - 5:00 p.m.)
Add/Drop Ends (8:30 a.m. - 5:00 p.m.)
- 15 Dr. Martin Luther King, Jr. Holiday (NO CLASSES)
- 16 Classes Resume

FEBRUARY

- BLACK HISTORY MONTH
(Programs will be held throughout the month)
- 2-3 Annual Jazz Weekend
- 11-18 Homecoming Week
- 16-17 Parent Weekend
- 26 Mid-Term Examinations: through March 4 (Exam Permits
Required – See Student Accounts Office)

MARCH

- 2 GRADUATE CLASSES – (SESSION A) END
- 5-9 Spring Break
- 12 GRADUATE CLASSES – (SESSION B) BEGIN
- 13 Mid-Term Grades Due – 12:00 Noon
- 16-17 Founders' Weekend
- 26 Literary Arts & Cultural Festival Week
- 30 Research and Performing Arts Day
- Last Day to Withdraw (WP/WF)
- Faculty Senate Conference & Luncheon
- Book Fair
- Last Day for Payment of Graduation Fee

APRIL

- 1-8 Religious Emphasis Week
- 4 Early Registration for Summer & Fall 2007 Begins
- Enrolled students who do not register early will be assessed a \$50 fee at registration.
- 6 Good Friday (NO CLASSES)
- 11 Deadline for Credit by Examination
- 12 Honors and Awards Day
- 12 Deadline to Submit removal of Incomplete Grades (from Fall 2006) to the Registrar's Office
- 14-19 Senior Examinations (Exam Permits required– See Student Accounts Office)
- 20 Last Day to Withdraw Officially from the University
- 20 Senior Grades Due by 12:00 midnight
- 26 Last Day of UNDERGRADUATE Classes
- 27 Reading Day
- 28 Commencement
- 30 Final Examinations (April 30-May 5 - Exam Permit required – See Student Accounts Office)
- Last Day to Apply for Summer 2007 Graduation

MAY

- 4 GRADUATE CLASSES – (SESSION B) END
- 5 Residence Halls Close at 5:00 pm
- 8 All Other Grades Due

SUMMER SESSION, 2007

MAY

- 27 Residence Halls Open
- 28 Memorial Day (HOLIDAY)
- 29 Registration
- 30 UNDERGRADUATE CLASSES BEGIN
GRADUATE CLASSES BEGIN
- 31 Late Registration: May 31-June 2 - \$50 fee (8:30 a.m. – 4:30 p.m.)
Add/Drop Begins (\$10 fee) (8:30 a.m. – 4:30 p.m.)

JULY

- 7 Last Day to Withdraw (WP/WF)
- 4 Independence Day (NO CLASSES)
- 5 Classes Resume
- 6 Last Day for Graduation Fee Payment SUMMER 2007
- 12 Last Day to Withdraw from University
- 17 Final Examinations (Exam Permits required - See Student
Accounts Office)
Last day of classes (UNDERGRADUATE and GRADUATE)
- 20 Grades Due by 4:30 pm
- 21 Summer Commencement
- 21 Residence Halls Close at 5:00 p.m.

UNIVERSITY



INFORMATION

INSTITUTIONAL STATEMENT OF PURPOSE

Florida Memorial University, a Historically Black University related to Baptist Churches and traditions, is one of the oldest academic centers in Florida. The private coeducational, baccalaureate and graduate degrees granting University has its origins in the Florida Baptist Institute, founded in 1879 Live Oak Florida and in the Florida Baptist Academy, founded in 1892 in Jacksonville Florida. These two institutions merged in 1941 to form the Florida Normal and Industrial Institute in St. Augustine, Florida. The institution became a four-year College in 1945. Following several name changes, Florida Memorial College was adopted in 1963. The institution moved to its present South Florida location in Miami, Florida in 1968. In 2005, the institution changed its name to Florida Memorial University.

Florida Memorial University serves a culturally diverse student population through programs in liberal and technical education. These programs are designed to prepare students to function effectively in a highly competitive technological global society. Challenging educational opportunities are offered through the academic departments or schools in a variety of instructional formats to traditional and nontraditional students. Internships and other experiential learning programs are incorporated in the learning environment. Academic programs are supported by the library services, academic advising, testing, developmental education, support services, career development, counseling and student activities.

The University is committed to excellence, and to this end, appropriate resources are provided and curricula and programs are planned, developed, and assessed to provide instruction to students at their level of achievement. These measures will enable students to acquire the knowledge and skills necessary for successful completion of a progression of academic standards.

Florida Memorial University is dedicated to the pursuit of knowledge and truth; the free exchange of ideas; and the transmission and preservation of African-American history and heritage. The University recognizes that education contributes to the quality of life and expects that students will leave its community of scholars and traditions prepared to participate fully in society.

The definitive mission of Florida Memorial University is to inculcate in students the importance of life-long learning, character, and a commitment to leadership through service in the enhancement of their lives and the lives of others.

ACCREDITATION

Florida Memorial University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679- 4501) to award bachelor's and master's degrees. The University is also chartered by the State of Florida.

ACBSP ACCREDITED

School of Business

Florida Memorial University, through its School of Business, is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) to offer the following business degrees:

- The Bachelor of Science in Accounting
- The Bachelor of Science in Business Administration
- The Bachelor of Science in Marketing

NCATE ACCREDITED

School of Education

Florida Memorial University, through its School of Education, is accredited by the National Council for Accreditation of Teacher Education (NCATE). This accreditation process determines whether schools, colleges, and departments of education meet demanding standards for the preparation of teachers and other professional school personnel. Providing leadership for reform in teacher education is also central to NCATE's mission. NASM Accredited.

MEMBERSHIPS AND AFFILIATIONS

American Association of Collegiate Registrars and Admissions Officers (AACRAO)
American Association for Higher Education
American Council on Education
American Library Association (ALA)
Association of College and Research Libraries (ACRL)
Association of Collegiate Business Schools and Programs (ACBSP)
Association of Fundraising Professionals
Black Caucus of the American Library Association (BCALA)
Council for Higher Education Accreditation
Council of Independent Colleges
Florida Association for Students Financial Aid Administrators
Florida Association of Colleges and Universities
Florida Association of Colleges for Teacher Education
Florida Cooperative Education and Placement Association
Florida Independent College Fund
Greater Miami Chamber of Commerce
Independent Colleges and Universities of Florida
Miami-Dade Chamber of Commerce
National Association for Students Financial Aid Administrators
National Association of College Deans, Registrars, and Admission Officers
National Athletic Intercollegiate Association
National Council of Educational Opportunity Associations
National Intramural/Recreation Sports Association
National Society of Fundraising Executives
Public Relations Society of America
Southeast Florida Library Information Network (SEFLIN)
Southeastern Association of Colleges and Employers
Southeastern Library Network (SOLINET)
Southeastern Testing Association
Southern Association for Students Financial Aid Administrators
Southern Association of College Student Affairs
Southern Association of Educational Opportunity Personnel Prg
Southern Regional Honors Council
Sun Coast Conference
The College Fund/UNCF
United Way

CAMPUS FACILITIES AND RESOURCES

The campus, surrounding a quiet lake, is situated on a spacious 77- acre site in Miami Gardens just north of the Opa Locka Airport. The Palmetto Expressway (SR 826) is close by, offering easy access to I-95, I-75, and the Florida Turnpike. The campus complex is comprised of a cluster of modern air-conditioned buildings. Each building is less than a three-minute walk from the farthest point on campus.

Andrew Anderson and Donald Bacon Service Center

This one-story complex houses the offices of purchasing, facilities management and administrative services, and the Duplication Center.

Sarah A. Blocker Hall

This two-story building houses the faculty and staff of the Freshman Studies Department, classrooms, and the offices of various support services. There are various laboratories: The Academic Resource Center (ARC), the Academic Skills Laboratory and the Writing Center. The Testing Center is also located in the facility.

J.T. Brown and A. B. Coleman, Sr. Residence Halls

These residence halls for men contain individual rooms, recreation and study lounges, laundry rooms, storage rooms, and space for the residence hall directors.

G.W. Coleman and K.S. Westfall Physical Plant

This facility houses the general maintenance department and a 3,300 sq. ft. air conditioning system of the university.

Nathan W. Collier Library

The library is a two-story structure located at the heart of the Campus. Encompassing 25,000 square feet of floor space with a reading room on each level, the library has a seating capacity of over 500. A collection of over 115,000 volumes, an audio visual center, and a periodicals collection of over 800 subscriptions to journals and newspapers in support of academic programs are located in this building. Web-based resources provide access to over 12,000 full-text periodical titles. The library also maintains a collection of books by and about Black people and the institutional Archives. Online access is available through OPAC (Online Public Access Catalog). The library utilizes the GALAXY Integrated

Library System. The library also offers access to the Internet. The library is an associate member of the Southeast Florida Library Information Network (SEFLIN) which provides access to the web portal, mylibrary-service.org. Through this consortium, students, faculty members, and staff have library privileges with member institutions. In addition, the library is an affiliate of the Southeastern Library Network (SOLINET) which affords interlibrary loan access.

Florida International University/Florida Memorial College Cooperative Joint Use Facility

This facility houses the schools of Arts and Sciences and Education, including deans and faculty offices, Office of Graduate Programs, as well as state-of-the-art technology-enhanced classrooms, laboratories, a 200 seat auditorium, and 3 conference rooms.

Susie C. Holley Religious Center

The Susie C. Holley Religious Center houses a chapel with seating for 600. The building also includes classroom space for the study of religion and philosophy, and the offices of the Campus Minister and other religion and philosophy faculty.

James Weldon and Rosamond Johnson Fine Arts Building

This facility houses the Department of Humanities, classrooms, practice rooms for piano, organ and other instruments, rehearsal rooms for band and choir, an art studio, an amphitheater for open-air concerts, and offices for faculty.

William Lehman Aviation Center

This facility, named in honor of the late Congressman William Lehman, is a three-story, state-of-the-art complex. It contains modern spacious classrooms and laboratories, simulation trainers for the School of Aviation, a board join room, 200-seat auditorium with satellite downlink, electronic classroom, Offices of the Provost, Interim Director for Information Management and Technology, Director of Grants and Sponsored Research, Director of Institutional Research, and School of Aviation and Business, Departments of Computer Sciences and Mathematics and Continuing Education, the Center for Academic Advisement, faculty offices, and an aviation education resource center.

Royal W. Puryear Administration Building

This facility houses the office of the President and the boardroom, the offices of the Vice-President for Business and Fiscal Affairs, the Vice-President for Institutional Advancement, the Special Assistant to the President and the central telephone switchboard.

M. Athalie Range Science Hall

This two-story building is home of the department areas of the School of Health and Natural Sciences. Laboratories for the biology, chemistry, and physics programs are major features of this building. Space is also provided for an electronic classroom, as well as faculty offices with adjoining laboratories to accommodate research projects and scientific experiments.

Lou Rawls Center for the Performing Arts

This 12 million dollar state-of-the-art facility houses the Matthew W. Gilbert 450 seat auditorium used for dramatic and musical productions, lectures, and assemblies.

A. Chester Robinson Athletic Center

The University gymnasium has a floor space of 1080 square feet for basketball, volleyball, indoor tennis, and other indoor sports. Adjoining the gymnasium is an L-shaped, 80 X 53 X 77-foot swimming pool for instruction and recreation. Offices for Physical Education faculty are housed in this facility.

Willie C. Robinson and Ray Goode Residence Halls

These residence halls for women contain individual rooms, recreation and study lounges, laundry rooms, storage rooms, and space for the residence hall directors.

J. C. Sams Activity Center

The J.C. Sams Activity Center is situated by the campus lake. It contains the bookstore, the university mailing center, game and entertainment rooms, the Sub Shop, meeting and conference rooms, space for social and cultural activities and an adjoining lakeside patio.

Albert E. and Sadie B. Smith Dining Hall and Conference Center

The Albert E. and Sadie B. Smith Dining Hall and Conference Center was opened in August, 2002. The Conference Center and Banquet Hall can

accommodate 400 people or be divided into three areas of 133 people each. The Dining Hall can seat 560 people and has two serving areas.

Student Services Building

This one-story complex houses the offices of the Vice President for Student Affairs, Enrollment Management, Admissions, Financial Aid, Residential Life, Student Support Services, the University Registrar, Career Development, Student Accounts, and the Office of the Bursar.

Off-Campus Sites

Florida Memorial University serves the needs of citizens of the greater Miami area through three off-campus sites and serves the citizens of Broward County with one off-campus site. Students may select general education and many upper-level courses.

CAMPUS DIRECTORY

Campus Address 15800 NW 42nd Ave., Miami Gardens, FL 33054

Campus Number (305) 626-3600

Campus Fax (305) 626-3769

Center for Academic Advisement (305) 623-4231

**Academic Standing, Probation, Suspension
and Readmission** (305) 626-3756

Academic Affairs Office (305) 623-4223

Academic Schools

School of Arts and Sciences, Department of:

Humanities (305) 626-3128

Computer Sciences & Mathematics (305) 623-4100

Criminal Justice, International (305) 623-1408

Studies & Political Sciences, Public Administration

Social Sciences (305) 623-1408

Visual and Performing Arts (305) 626-3683

School of Aviation & Security (305) 623-1440

School of Business Administration (305) 623-4288

School of Education (305) 623-4279

School of Graduate & Continuing Education, Department of:

Graduate Programs (305) 623-0213

Continuing Education (305) 623-0213

School of Health and Natural Sciences (305) 626-3699

Admissions (305) 626-3758

e-mail address: admit@fmuniv.edu

Alumni Affairs (305) 626-3657

Athletic Department (305) 626-3166

Bookstore (305) 626-3726

Career Placement Office (305) 626-3782

Counseling Office (305) 626-3138

Financial Aid (305) 626-3742

Fiscal Affairs (305) 626-3623

University Bursar (305) 626-3739

Freshman Studies (305) 626-3662

Freshman Year Experience Program (305) 626-3661

Freshman Advisement (305) 626-3666

Health Clinic (305) 626-3760

Housing (305) 626-3718

Institutional Advancement (305) 626-3608

International Students (305) 626-3751

Library (305) 626-3641

Public Relations (305) 626-3624

Registrar (305) 626-3752

Transcripts (305) 626-3756

Security (305) 626-3771

Student Activities (305) 626-3715

Student Affairs (305) 626-3710

Student Support Services (305) 626-3721

Testing (305) 626-3776

Veterans Affairs/Transfer Credits (305) 430-1169

FINANCIAL AID

Financial Aid is granted to students at Florida Memorial University primarily based on need. The student's need is determined following the completion of the Free Application for Federal Student Aid (FAFSA). The FAFSA is available from high school counselors or the University's Financial Aid Office. It is recommended that the student's or parents' tax return be used when completing the FAFSA online at www.fafsa.ed.gov.

All eligible students are required to apply for various federal and state programs by completing the FAFSA no later than March 13 for priority consideration. Each student must also complete an institutional applica-

tion to provide the Office of Financial Aid with additional data required to start his/her financial aid file.

CAMPUS-BASED AID

College Work Study Program (CWSP) and Supplementary Education Opportunity Grants (SEOG) are distributed by the Financial Aid Office according to students' needs. Preference is given to eligible students with exceptional financial need. Depending upon government funding levels, funds are distributed to assist students in meeting direct costs (room, board, tuition and fees for resident students, tuition and fees for off-campus residents). Indirect costs (transportation, living expenses, books) are usually the responsibility of students.

Students are responsible for processing the appropriate forms for grants, loans, and scholarships with the assistance of the Financial Aid Office. Students should refer to the Florida Memorial University Consumer Bulletin for Financial Aid for detailed instructions on applying for financial aid.

SCHOLARSHIPS

Scholarships at Florida Memorial University are awarded to assist students in meeting their financial obligations at the University. Students may receive scholarships based on major, classification, geographical location, academic achievement, and other qualifications that may be stipulated by donors. Scholarships are categorized as Restricted, Unrestricted, and Flexible Programs. Information on the various scholarships awarded at the University can be obtained from the Office of Financial Aid and the Director of Enrollment Management.

REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY

The primary factor used to determine a student's readiness for college is his/her high school preparation. Additionally, the student's maturity, community service, leadership skills, motivation, and determination are key indicators.

A. Freshman

1. High School Graduation
Graduation from an accredited high school or the equivalent (GED) is required.
2. Admission Test Scores
Applicants should submit SAT-1 or ACT scores. Test scores are also used for advisement and placement purposes for first-time-in-college applicants.
3. High School Course Distribution Requirements for Florida Residents.
A Student's high school preparation should include units in the following core areas:
 - English 4 units (*3 with substantial writing*)
 - Mathematics 3 units (*Algebra I and above*)
 - Natural Science 3 units (*2 with lab*)
 - Social Science 3 units
 - Foreign Lang 2 units (*in the same language*)
 - Approved Electives 4 units
4. Other Admissions Requirements
The student must also submit the following to be considered for admission:
 - at least one letter of recommendation
 - a personal statement

B. Transfer Students

Students transferring to Florida Memorial University from another college or university are admitted on the basis of credits and grade points earned in course work at the collegiate level.

1. Grade Point Average
Transfer students must have earned a minimum cumulative grade point average of 2.0 in collegiate course work. However, grade point averages do not transfer to Florida Memorial University.
2. Transfer Students from Community Colleges.
Transfer applicants who possess the Associate of Arts (AA) degree from regionally accredited junior community or four year colleges at the time they are admitted to Florida Memorial University will be accepted as juniors, with the understanding that some prerequisite

work may be required to fulfill degree requirements in their major at Florida Memorial University. Course work for students who enroll without the AA degree will be evaluated on a course-by-course basis.

3. **Transfer Credits**

Only courses passed with a grade equivalence of “C” or better, which represent collegiate-level course work, and are equivalent to courses offered at Florida Memorial University will be accepted. Transfer credits are evaluated after receipt of official transcripts. A maximum of ninety-four (94) credits are transferable from another institution. Additionally, a transfer student must complete a minimum of thirty (30) semester hours of course work in residence to receive a degree from Florida Memorial University.

C. International Applicants

International students are admitted on the basis of high school work. International students must meet the requirements of the University as stated in the previous section and comply with the following:

1. **High School Graduation**

An international applicant must have graduated from a high or secondary school. An official transcript and/ or original diploma is required.

2. **High School Work**

International students who studied in the British educational system must have passed a minimum of five (5) subjects at the ordinary level in the General Certificate Examination or its equivalent, including English and mathematics.

2. **Language Requirement**

Proficiency in English must be established, if the student’s native language is not English, by a satisfactory TOEFL score.

3. **Standardized Test Scores**

International students should submit scores from either the Scholastic Aptitude Test (SAT) or American College Test (ACT).

D. Advanced Placement

Florida Memorial University is an approved participant in the College Board’s Advanced Placement Program. Students whose Advanced

Placement scores meet the criteria as set forth in each academic area will receive university credit for courses covering similar material.

E. International Baccalaureate

Florida Memorial University recognizes and gives college credit to students who successfully complete the International Baccalaureate examinations with grades of 4 or higher. An official IB transcript is required and must be sent directly from the International Baccalaureate Office.

F. Early Admission

Florida Memorial University grants early admission to exceptional high school students who meet the following criteria:

1. Earned a minimum high school grade point average of 3.0
2. Scored 1000 or more on the SAT or 21 or more on the ACT.
3. Submitted three letters of recommendation from high school officials such as a principal, counselor, and teacher.

CONDITIONAL ADMISSION

Admission consideration may be given to students who do not meet the admission standards as stated above. Such students may be admitted conditionally and shall meet specified academic and admissions requirements.

RE-ADMISSION TO THE UNIVERSITY

Students whose enrollment at Florida Memorial University is interrupted for more than one semester are required to submit an application for readmission. The application must be sent to the Office of Admissions. Students placed on academic suspension must sit out one semester (fall or spring) before eligibility for readmission is restored.

Students in good academic standing who voluntarily withdraw from the University for one or more academic years are required to apply for readmission. A student must satisfy the degree requirements for graduation stated in the university catalog for the academic year in which the student is readmitted.

FINANCIAL INFORMATION

Schedule Of Tuition, Fees and Service Charges Tuition and Fees

	Fall		Spring		Summer Mini-Session		Summer
Tuition	\$5,254	Tuition	\$5,254	Tuition	\$5,254	Tuition	\$5,254
Room	\$1,424	Room	\$1,424	Room	\$1,067	Room	\$770
Board	\$1,246	Board	\$1,246	Board	\$937	Board	\$674
Fees	\$873	Fees	\$873	Fee	\$723	Fee	\$522
Total	\$8,797	Total	\$8,797	Total	\$7,981	Total	\$7,018

Credit hour cost: \$437.84 per hour - above (12) hours and less than (15) hours.

Services Charges

Admission Application	\$15.00
Checking Cashing (each)	.025
CLAST	35.00
Course Add/Drop	10.00
Credit By Exam (each credit hour)	297.17
Graduation	150.00
Key/Damage Deposit (refundable)	50.00
Dorm Damages	25.00 & up
Document Photocopy	10.00
Late Registration Fee	50.00
Pre-registration (failure to pre-register)	50.00
Parking Decal (each year)	10.00
Parking Citation	15.00
Replacement Diploma	10.00
Replacement I.D. Card	25.00
Mailbox key deposit (refundable)	10.00
Mailbox rental Fee	10.00
Room Reservation Fee-new student	100.00
Room Reservation Fee-returning student	50.00
Returned Check Fee	25.00
Promissory note Fee	50.00
Tuition Installment Plan- late payment Fee *	25.00
TOEFL	28.00
Transcript, Regular US Mail	3.00
Transcript, Certified US Mail	6.00

Transcript, Next day delivery	12.00
Transcript, Overseas	18.00
Library Fines per day per book	.025
Library Lost Book Charge	50.00
Tuition per credit hour	372.77

***NON-REFUNDABLE**

The schedule of tuition, fees and service charges is reviewed and published annually. Current information on these amounts is available at the Student Accounts Office. The University reserves the right to change without notice its tuition, fees, service charges, rules, and regulations at the beginning of any semester and during the year should conditions so warrant. This right will be exercised judiciously.

Description of Service Charges

Books, school supplies, travel expenses, medical expenses other than those provided on-campus and through the Student Health Insurance Program, and miscellaneous personal items are additional expenses which must be considered when preparing a student's budget.

Admission Application: A fee of \$15 must be sent to the University with each application for admission. This fee is nonrefundable and is not credited to the student's account upon admission.

CLAST: A fee of \$35 is charged to defray the University's cost to administer the College Level Academic Skills Test (CLAST).

Course Add/Drop: A fee of \$10 is charged for each course added or dropped from a student's schedule after the close of registration.

Credit by Exam: A \$372.77 per credit hour examination fee is charged for departmental proficiency examinations for credit.

Graduation: A fee of \$150 is charged to graduating students for purchase of their cap and gown, the graduation banquet and other ceremonial activities related to the Baccalaureate and Commencement exercises. All graduates must pay this charge even if they choose not to participate in the activities.

Room Reservation Fee: All new students desiring on-campus housing are required to pay a room reservation fee of \$100 (\$50 for all returning students each semester) prior to arriving on campus.

If for any reason a student decides not to attend Florida Memorial University or changes his/her mind about residing on campus, the reservation fee is nonrefundable and will not be credited to the student's account. All resident students are assigned a mailbox. The rental fee is \$10 per academic year plus a \$10 refundable deposit for the mailbox key. All keys should be returned at the end of each semester.

Key/Damage Deposit: A \$50 deposit must be paid on or before registration by every student who will live in the dormitory. This deposit is not a part of the housing fee. It will be refunded when the student leaves his/her campus dormitory, provided he/she (1) checks out properly, (2) returns his/her room and mailbox keys and other University property, (3) is not responsible for any damages to University property, (4) does not have an account balance with the University and (5) has observed University policies concerning room cancellations and withdrawals from the dormitory. Refunds are not done automatically. An application for a refund must be submitted to the Bursar's Office.

Late Registration: A fee of \$50 is charged to any student who registers for courses after the last day scheduled for registration in the University catalog or as published by the Registrar. All currently enrolled students who do not register early during the early registration period for the next semester will be assessed a \$50 fee during regular registration.

Meals: All resident students are required to purchase a semester board (meal) plan. If the Lion's Express ID card is lost, stolen, washed, destroyed, misplaced or damaged, a student should report this immediately to the dorm counselor and apply for a replacement at the cashier's window (cost is \$25 for a replacement). Non-resident students may purchase twenty (20) meals for \$50. These twenty meals will be credited to the Lion's Express ID card and can be used for any meal in the cafeteria. Students may also purchase ten (10) meals for \$25. No one is permitted to eat in the cafeteria without his or her computerized Lion's Express ID card or cash payment. If the card is lost, damaged, stolen or invalid, students must report this to the Student Accounts Office. Food Service is not responsible for the issuance of ID cards.

Parking Decal: A fee of \$10 per year is charged for a parking decal which registers a vehicle for use of campus roadways and parking facilities. An additional fee of \$10 per year is required for the purchase of a replacement decal or second-car decal. A valid ID, driver's license, car registration and insurance information are required.

Replacement Diploma: A fee of \$10 is charged to replace a diploma. Requests must be made through the Registrar's Office.

Replacement I.D. Card: A fee of \$25 is charged to replace a lost or stolen University "Lion's Express" identification card.

Returned Check: Students with approved University check cashing cards may cash one personal check per week for an amount not to exceed \$25 at the Cashier's window during normal business hours. A fee of \$0.25 will be charged for each check cashed. Pursuant to Florida law, any check issued to the University for which sufficient funds are not available to ensure payment upon presentation is subject to a returned check fee of \$25. If two checks are returned because of insufficient funds, check cashing privileges will be revoked and disciplinary action taken.

Room and Board: Students who reside on campus must pay the full Room and Board fee. Room and board fees provide for the use of dormitory space access and during the period stated in the University calendar.

Promissory Note Fee: A processing fee of \$50 is charged to defray the cost of providing a deferred payment plan for students who, are unable to pay the full amount of their bill at the time of registration.

TOEFL: A fee of \$28 is charged to defray the University's cost to administer the institutional Test Of English as a Foreign Language.

Transcript Fee: A fee of \$3 is charged for each requested copy of a transcript. Transcripts will be sent by regular US mail. If requested, transcripts may be sent by Certified US mail for a fee of \$6, or by next day delivery for the current market rate for such services set by the U.S. Postal Service.

Payment of Tuition and Fees

1. All tuition and fees are due and payable at the time of registration.
2. Students who receive financial aid must pay the difference between their financial aid awards and their total charges for the semester before being permitted to attend classes for a given semester.
3. Financial Aid classified as "pending or "applied for" will not be accepted toward meeting the requirements for registration unless a positive evaluation is given by the Director of Financial Aid or his/her designee.

4. Students may choose to pay charges owed for an upcoming semester through a University-approved 10-month installment plan. All inquiries and applications should be made directly to Tuition Management Services (TMS), Tuition Installment Plan, or call toll free 1-800-722-4867. Notification of awards and scholarships from outside sources used to pay a student's account must be sent directly to the Student Accounts Office from the sponsor. The notice must either accompany the payment or state the manner in which the sponsor is to be billed.

How to Make Payment: The University accepts cash, certified checks, money orders, VISA and MASTERCARD in payment of University expenses. Payments may be made in person at the Cashier window during posted business hours or by mail. Mail should be addressed to:

Bursar
Florida Memorial University
15800 NW 42 Avenue
Miami Gardens, Florida 33054

When payment is made in cash, the payer must receive a receipt and retain that receipt for future reference as evidence of the cash payment. Students or their representative should not send cash in the mail, or pay cash to any person other than the University's Cashier. Students should ask for a receipt at the time of payment if one is not given. Personal checks are not accepted.

Deferred Payment Plan

Should parents or students desire to defer payment of a portion of the basic charges for tuition, fees, room and board, arrangements should be made directly with the Student Accounts Office. A deferment processing fee of \$50 per plan will be charged for this privilege.

Each student must satisfy all financial obligations to the University in accordance with the Deferred Payment Plan in order to (1) retain campus housing, (2) take midterm and final examinations, and (3) continue matriculation in the following semester.

Exam Permits

Students are required to present examination permits prior to taking midterm and final examinations. Exam permits are picked up at the Student Accounts Office.

Special Stipulations

A student is not considered registered until he/she has been cleared financially and his/her registration form has been stamped and signed by the Student Accounts Office. The release of transcripts diplomas and grades is prohibited if any unpaid balances are owed to the University.

Students are expected to meet their payment obligations promptly and without notice from the Student Accounts Office. It is the student's personal responsibility to inform his/her parents, guardians, and sponsors of all financial obligations to the University and the due dates for payment. Students must also follow up with the Student Accounts Office on a regular basis to ensure that payments are received and credited to their accounts.

Refund or Adjustment of Tuition, Fees, and Other Charges

Tuition refunds are based on the total tuition charges and not on the amount paid. Board charges are refundable on a prorated basis to students who have properly withdrawn.

Financial Aid programs which provide awards to students will be refunded in accordance to the formula required by local, state, or federal law. Balances due as a result of the refund are the responsibility of a student who withdraws.

Fees paid for application, processing charges, mailbox rental, room charges, etc. are not refundable. No portion of a scholarship from Florida Memorial University is refundable.

When a student is assigned a Florida Memorial University student network account, space is automatically allocated to the student on Florida Memorial University's central server for storage of personal data.

A student may withdraw or cancel classes from Florida Memorial University within three (3) working days, pursuant to S.246.D.41 (1) (n) 3.e of the Florida statutes and receive a full refund with the exception of non-refundable charges. All refunds shall be made within thirty (30) days of the date that the University determines that the student has withdrawn. Tuition and general fees shall be refunded in full, in any of the following circumstances: (1) courses canceled by the University; (2) involuntary call to active military duty; (3) documented death of the student; (4) exceptional circumstances, with the approval of the President of the University or his designee.

Students must submit required official forms in order to withdraw from the university. The student will receive tuition and general fees refunds, less an administrative fee not to exceed 5% of the term's tuition at the following rates:

Refund Schedule

Tuition and general fees each Fall and Spring Semester

If time of withdrawal from the University is made: Amount Refunded

Before the end of the 5th day of classes	100%*
Between the 6th - 10th day of classes	80%*
Between the 11th - 15th day of classes	60%*
Between 16th – 20th day of classes	40%*

No refunds will be made after the 20th day of classes.

Summer Session

1st - 5th day of classes 100%*

No refund will be made after the 5th day of summer classes

*Less administrative cost

Fees and room charges are not refundable. Board is prorated based on date of withdrawal. If a credit balance exists from overpayment or at the time of withdrawal, a refund for the balance will be processed within 30 days of the date that the University determines the student has withdrawn. Refund checks are distributed at the Bursar's Office.

STUDENT AFFAIRS

Freshman and New/Transfer Student Orientation

A collaborative effort between the Offices of Student and Academic Affairs is designed to help entering freshmen and new/transfer students become adjusted and make a successful transition to university life at Florida Memorial University. During the orientation period, students attend a series of workshops, seminars, and social activities where they are presented information about the University's history, support centers, services, facilities, testing and placement. The students are also presented

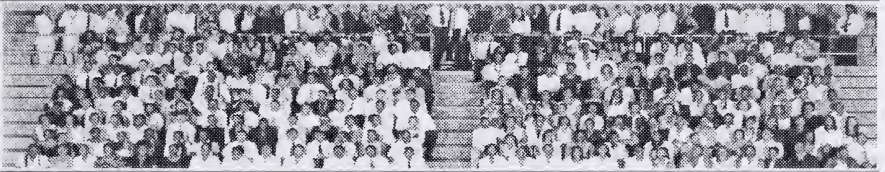
with University policies and regulations, introductions to University personnel in both formal and informal settings, and are assigned an academic advisor who assists them throughout the year. Registration is also an integral component of the orientation program. The objective of the orientation period is to

provide students with information that will help them cope with the independence and responsibility of becoming a university student.

Anti-Hazing Policy

Hazing of students will not be a part of any initiation practices, whether for new students, social clubs, or Greek-letter organizations. Hazing done in the name of an organization can result in the organization's loss of privileges, including suspension of its operating privileges on campus. Hazing done by a student as an independent act can result in the student's dismissal from the University. Violation of this regulation must be reported to the Vice President for Student Affairs. All cases involving hazing will be referred to the Judicial Affairs Committee.

ACADEMIC



INFORMATION

ACADEMIC AFFAIRS

Academic Affairs at Florida Memorial University is administered by the Office of the Provost. Academic Affairs consists of the following academic schools and support units:

School of Arts and Sciences

- Department of Computer Sciences and Mathematics
- Department of Criminal Justice, International Studies and Political Sciences
- Department of Humanities
- Department of Social Sciences
- Department of Visual and Performing Arts

School of Aviation, Safety and Security

School of Business Administration

School of Education

School of Graduate Programs and Continuing Education

School of Health and Natural Sciences

Department of Freshman Studies

Center for Academic Advisement

Career Development

Grants and Sponsored Research

Honors Program

Institutional Research

Study Abroad Program

Testing Center

University Library and Services

University Registrar

The Department of Freshman Studies does not offer degrees. The Schools offer majors in subject areas leading to the Bachelor of Arts and Bachelor of Science degrees and the School of Graduate and Continuing Education offers the Bachelor of Science and Master of Science degrees.

Academic programs are designed to broaden the intellectual experiences and abilities of students and, at the same time, recognize and provide for intellectual diversity as individual interests and goals are satisfied.

Academic Regulations, Procedures, and Standards

The academic year consists of two semesters, fall and spring, of approximately fifteen weeks each. The University also offers a summer session.

Students enrolled in twelve to eighteen credit hours per semester are classified as full-time. Students wishing to take more than eighteen credit hours must obtain approval prior to registering from the School's Dean and the Provost.

A reduced credit load is a maximum of twelve semester credit hours. Reduced loads are assigned to students in educational development programs, on academic probation, or involved in work activities that interfere with the student's academic progress. Students are limited to a maximum load of twelve credit hours during summer sessions.

Part-time students are those who enroll in fewer than twelve semester credits.

Degree Programs

Thoughtful consideration should be given to the selection of a major. It is not necessary to declare a major during the freshman year. Careful selection of courses in the general interest area is recommended. Requirements for a major are set by each school. By the end of the sophomore year, students must officially declare a major. Transfer students with an associate degree from a Florida community college must declare a major upon entering the University. When declaring a major, students must submit a formal application to the respective school dean. At this time, a faculty advisor will be assigned. Majors offered at Florida Memorial University are

School of Aviation, Safety and Security

- Aviation Administration & Management
- Aeronautical Science
- Computer Science with Aviation Applications

School of Art & Sciences

- Communications (concentration in Television, Public Relations)
- Computer Information Systems
- Computer Science
- Criminal Justice
- Criminal Justice (concentration in Criminology)
- Criminal Justice (concentration in Pre-Law)
- English
- International Studies
- Management Information Systems
- Mathematics

Music (with concentrations in Church, Jazz and Popular)
Political Science/Public Administration
Psychology
Religion and Philosophy
Social Work
Sociology

School of Business

Accounting
Business Administration
Finance
Hospitality Management (Dual Program with Florida
International University)
Human Resource Management
Marketing

School of Education

Elementary Education
Exceptional Student Education
Middle Grades
 Science Education (5-9)
 English (5-9)
 Mathematics (5-9)
Music Education
Physical Education (K-8)
Physical Education (6-12)
Secondary Education
 English (6-12)
 Mathematics (6-12)
 Biology (6-12)

School of Graduate and Continuing Education

Elementary Education (M.S.)
Exceptional Student Education (M.S.)
Reading (K-12) (M.S.)
Interdisciplinary Studies (B.S.)
(For non-traditional students only)

School of Health & Natural Sciences

Biology
Nursing (Dual Program with University of Miami)

Chemistry
Engineering (*Dual Program with Florida International University*)
Environmental Studies
Medical Technology

A major consists of a minimum of 62 hours in an area; a minor consists of a minimum of 18 hours. Minors are available in most areas where a major is offered, in addition to African-American Studies, economics, finance, history, and social work. Upon selection of a major, students are required to file a proposed program of courses with the school advisor and with the dean's approval. To change a major, students must

1. Obtain a Declaration/Change-of-Major form from their current school
2. Obtain the signature of the appropriate school deans (previous and new) and
3. Submit the form to the Office of the Registrar

The change of major becomes effective on the date the change of major form is filed in the Office of the Registrar

CREDIT BY EXAMINATION

The purpose for credit by examination is to validate credits earned at other institutions or to exempt students from courses in which they have had related professional experience(s). Students who satisfy either one of the aforementioned criteria may earn a maximum of 15 credits using this method. Credit by examination may not be used to correct registration errors. It cannot be used to satisfy course work for which the student has received a grade from Florida Memorial University.

To apply for credit by examination, students must obtain an application from the Office of the Registrar and have the application approved by the dean of the specific school and the Provost prior to paying the examination fee.

The dean and a committee of faculty will review the data submitted, interview the student, and determine if that student may take the examination. Examinations are prepared or selected by the school's faculty. Examinations will include a comprehensive coverage of course materials. Students may be required to complete written assignments as well as standardized short-answer and/or essay questions. Students may not apply for credit by examination during their expected term of graduation.

A letter grade of "P" will be assigned upon successful completion of the examination. If unsuccessful, the grade of "F" will be assigned.

Credits earned by credit by examination cannot be used to satisfy residency requirements, nor are these credits included in the calculation of the grade point average. Students who qualify for credit by examination will have only one attempt to satisfy course requirements using this method.

ACADEMIC STANDING: Good Academic Standing, Warning, Academic Progress, Probation, Suspension, Dismissal, Academic Appeal, and Readmission

Good Academic Standing

The required cumulative grade point average (GPA) for Good Academic standing and eligibility for graduation at Florida Memorial University is 2.0 for all programs except for the School of Education, which requires a cumulative GPA of 2.5 for graduation.

Academic Warning (*Freshman Only*)

Freshman who have attempted 0-29 credit hours and whose cumulative grade point average falls below 2.0 will be placed on Academic Warning for one semester. All students on Academic Warning must meet with their academic advisor. Students on Academic Warning can take a maximum of 12 credit hours. These students will not be allowed to complete their registration for the following semester without the academic advisor's signature on the Academic Referral Form. The advisor may require adjustment of the student's courses or course load.

Academic Probation

Students will be placed on Academic Probation when they fail to earn and maintain a cumulative GPA of 2.0. Students placed on Academic Probation must receive their advisor's approval to register for more than 12 credit hours. Students are removed from Academic Probation when their cumulative grade point average reaches a minimum of 2.0.

Academic Suspension

Students will be suspended from the University for one semester (Fall or Spring) if they fail to satisfy the aforementioned requirements. All suspended students must apply for re-admission to the Academic Standing Committee.

Academic Appeal

Students on Academic Suspension will be granted the right to appeal in writing. The Academic Standing Committee will make the final decision concerning suspension. If the suspension is rescinded, the student will be returned to Academic Probation status.

Academic Dismissal

Students returning from Academic Suspension who fail to achieve and maintain a cumulative GPA of 2.0 after two consecutive semesters of study will be dismissed from the University. Academic Dismissal carries a separation from Florida Memorial University for one (1) academic year before eligibility for re-admission may be restored.

Re-admission

Students in good academic standing (2.00 cumulative GPA or above), who separate from the University for one or more years, are required to apply for re-admission to the Admissions Office. Students must satisfy the degree requirements for graduation stated in the University catalog for the academic year in which they are readmitted.

A one semester separation from the University does not require a student in good standing to file for readmission.

Students not in good academic standing (suspended or dismissed) who separate from the University for one or more years are required to apply for readmission to the Academic Standing Committee.

Students on probation who withdraw from the University must submit a personal statement and two letters of recommendation to the Academic Standing Committee to be considered for re-admission.

Transfer of Credits Policy

Florida Memorial University accepts courses earned at other institutions provided that:

- The grade earned for these courses is a "C" or higher.
- The courses represent collegiate coursework relevant to the degree program being pursued at the Institution.
- The course content, level of instruction and resulting competencies are equivalent to those of students enrolled at the institution.
- Official University transcripts are submitted to the institution

for evaluation prior to the transfer students' admission to the University.

A maximum of 94 credits may be transferred to Florida Memorial University. Furthermore, the number of credits awarded for a particular transfer course may not exceed the number of credits assigned to the equivalent course at the University.

The school's dean and the Provost must approve all transfer credits used toward a degree.

Verification of content of transfer courses is made from University catalogs, course syllabi, and certified copies of military documents, and by following guidelines published by the American Council on Education or the American Association of Collegiate Registrars and Admissions Officers.

Advanced Placement Program

Florida Memorial University cooperates fully with accredited high schools and colleges in the Advanced Placement (AP) Program of the College Entrance Examine Board. AP courses are available to juniors and seniors in most United States high schools.

- Students must earn a score of 3 or higher on the nationally administered exam.
- An official Grade Report must be submitted for credit
- Credits will not be awarded for examination that duplicate course work or other exam credits previously posted to a student's academic record.
- Students are awarded credits only; they are not given grades for Advanced Placement Courses, and Advanced Placement
- Courses are not included in the GPA.
- All AP credits granted will meet Florida Memorial University's degree requirements.
- There are no additional fees involved for providing Advanced Placement services.

Florida Memorial University Advance Placement (AP) Credit Course List

Exam Title	Min. AP Sem.		Courses
	Score	Hrs	
History of Art	3	3	ART 101
Studio Art-Draw Portfolio	4	3	ART 131
Studio Art-General Port	3	3	ART 121
Biology	4	6	BIO 101, BIO 130 BIO 131, BIO 206
Chemistry	4	5-10	CHE 110, CHE 111 CHE 112, CHE 113
Computer Science A	4	3	CSC 101
Computer Science AB	4	6	CSC 101, CSC232
Economics-Microeconomics	3	3	ECO 202
Economics-Macroeconomics	3	3	ECO 201
English-Lang & Comp	4	6	ENG 101 , ENG102
English-Liter and Comp	4	6	ENG 101, ENG202
French Language	3	6	FRE 201, FRE202
French Literature	3	6	FRE 305, FRE 306
Gov and Politics-Comp	3	3	POL 311
Gov and Politics-U.S.	3	3	POL 301
History-European	3	3	HIS 101
History-United States	3	3	HIS 200
Math-Calculus AB	4	3	MAT 200
Math-Calculus BC	4	6	MAT201, MAT202
Music Theory	3	6	MUS 101, MUS 102
Physics B	4	8	PHY200, PHY 201 PHY 202, PHY 203
Physics C (Mechanics)	4	4 P	PHY 200, PHY 201

Articulation Agreement

Florida Memorial University cooperates fully with the community college system of Florida through an articulation agreement. Under this agreement, students who have completed an associate of arts degree (AA) from a regionally accredited community college in Florida will be admitted to Florida Memorial University as juniors, with the understanding that some prerequisite work may be required for the degree programs in which they enroll.

Students with an associate of arts degree from other regionally accredited colleges outside the state of Florida will also be admitted as juniors with the same stipulations as described above.

College Level Examination Program (CLEP) Policies

General Information

Florida Memorial University recognizes that a well-rounded education contributes to the quality of life. The University expects that students will leave its community of scholars and traditions prepared to participate fully in society. The University also recognizes and honors students' prior learning and may award credit for knowledge gained through independent study, advanced high school or honors classes, or other experiences outside of the University's classroom. CLEP tests measure the mastery of University-level introductory course content in a wide range of disciplines.

Credits Awarded

Florida Memorial University will not award CLEP credits for the following:

- Credit will not be awarded in a subject in which student has once been enrolled at the University level.
- Credit cannot be earned through CLEP while on academic suspension from the University.
- Credit will not be awarded for any course in which a student previously earned a failing grade.
- Credit cannot be earned to raise a grade previously earned in a University course
- Credit will not be awarded for exams taken without written approval from department chair and or an academic advisor.
- Total number of credits by examination that a student may earn is twenty-four (24). Credits exceeding that amount will not be awarded. NO EXCEPTIONS.
- Credit will not be awarded as part of the last 30 hours applicable to a degree.

Score minimums, credit hours awarded, and course equivalencies awarded are subject to change for any examination without prior notice.

Test Fee

The fee for taking a test is \$50 per test. A student may pay by check or money order made payable to CLEP, or by credit card (Visa, MasterCard, or American Express). There is also a \$50 institutional fee, which is due at the time.

Acceptable Scores and Credits

Based on the American Council on Education's recommendation, Florida Memorial University will accept and award credits for the following CLEP courses:

Examination	Course Equivalent
Analyzing & Interpreting Literature	ENG 111
English Composition with Essay	ENG 101
English Literature	ENG 303
English Literature II	ENG 304
French Language Level 1 (2 semesters)	FRE 201
French Language Level 2 (4 semesters)	FRE 202
Spanish Language Level 1 (2 semesters)	SPA 201
Spanish Language Level 2 (4 semesters)	SPA 202
American Government	POL 301
Hist of the U.S. Early Colonization to 1877	HIS 321
Hist of the U.S. II 1865 to the Present	HIS 324
Human Growth and Development	PSY 306
Humanities	DRA 200
Principles of Macroeconomic	ECO 201
Principles of Microeconomic	ECO 202
Introductory Psychology	PSY 200
Social Science & Hist	SSC 101
Social Science II	SSC 102
Introductory Sociology	SOC 200
Biology	BIO 101
College Algebra	MAT 111
College Mathematics	MAT 101
College Math II	MAT 102
Physical Science	PSC 101
Trigonometry	MAT 113
Principles of Accounting	ACC 211
Introductory Bus Law	BUS 311
Information Systems & Comp Application	CSC 101
Principles of Marketing	MAR 301
Principles of Management	BUS 211

Registration

For further information, please contact the Testing Center located in the Sarah Blocker Hall Building, room. 211-212 at (305) 626-3775.

TRANSFER CREDITS FROM INTERNATIONAL INSTITUTIONS

Postsecondary credits earned by international students at colleges and universities which pattern themselves after the British or other non- American education systems must be evaluated by an external transcript evaluation organization approved by Florida Memorial University.

GRADUATION REQUIREMENTS

Advisors and faculty will advise students toward meeting requirements for graduation; students have the ultimate responsibility of fulfilling requirements for graduation. Students are responsible for filing an application for a degree in the Office of the Registrar the semester prior to graduation. Following are the basic requirements for graduation:

1. Students must satisfy the core curriculum requirements, complete a minimum of 121 credit hours, and meet the curriculum requirements for graduation specified by their degree program.
2. A minimum cumulative grade point average of 2.0 or (2.5, for education and pre-hospitality management graduates).
3. Completion of a minimum of twenty-five percent (25%) of the total number of credits required in the major at Florida Memorial University.
4. Completion of a senior thesis or project for non-education majors.
5. Fulfillment of all financial obligations and procedural requirements.
6. All requirements for graduation must be satisfied at least 24 hours after the last day of final examinations. Students who fail to complete requirements are required to file a new graduation application. (See Academic Calendar for deadlines.) Only those students who have completed all requirements for graduation will be permitted to participate in commencement exercises.

SECOND BACCALAUREATE DEGREE

A second bachelor's degree may be awarded when

1. Requirements of an appropriate academic school for a second degree have been met.
2. The student has completed a minimum of 30 credit hours at Florida Memorial University.
3. Requirements for graduation from the University have been met. A bachelor's degree has been earned from an accredited four year college or university, of course work are completed at Florida Memorial University.

DUAL MAJORS

A student who desires to have dual majors must simultaneously meet the demands of both majors. Requirements for each major must be successfully satisfied. Transcripts will indicate the completion of dual majors; however, one degree will be awarded.

ATTENDANCE POLICY

Students are expected to attend all classes for which they are registered and are not authorized to attend classes for which they are not registered. Absences during the first two weeks of classes are especially discouraged as professors are required to report to the Registrar's office the students who are registered in their courses but have not attended. The Registrar's office will proceed to drop these students out of the reported courses; however, it is the students' ultimate responsibility to drop or withdraw out of the courses they no longer plan to attend. Students are permitted one unexcused absence per credit hour of day courses. Students are permitted two unexcused absences for courses offered during the evening. Students exceeding the number of unexcused absences will be in jeopardy of failing the course and may be withdrawn from the class by the instructor. Calculation of absences begins from the first class meeting for students whose names appear on the initial class roster. Acceptable absences include illness, serious family emergencies, special curricular requirements (e.g., University fairs, field trips, approved meetings), military obligations, and participation in official University-sponsored activities such as music performances and athletic competitions. If accompanied by a letter from the Vice President for Student Affairs, absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) will be excused. Participation in University-sponsored activities are excused if the students are in good academic standing. Students are responsible for any and all class work and may not use University-sponsored activities as a plea for extension of time to complete assignments, or for permission to take makeup examinations or quizzes, or to excuse missed exams/coursework.

GRADING SYSTEM AND QUALITY POINTS

Grades	Grade Quality Points
A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
D+	1.30

D	1.00
F	0.00
W	Official Withdrawal from the University
WP	Withdraw passing
FW	Withdraw failing
I	Incomplete
P	Passed
AU	Audit
NC	No credit

Students must complete reading, English, mathematics, and education and life seminar courses in the core curriculum with a minimum grade of "C." Students who are failing a general education course at midterm must pre-register to repeat that course during the next scheduled offering.

Students may be given an "I" only if a small part of the course is missed because of unavoidable circumstances and there is a reasonable chance of obtaining a "C" or better if the students complete the missing work. Students must complete this work within the established period of time (see Academic Calendar) without further registration or class attendance. Failure to adhere to this policy within one semester after receiving a grade of incomplete will result in the grade of "I" converting to the grade of "F." Students who have filed for graduation may not receive an "I" during the term in which they plan to graduate. If a grade of "I" is received, the student must reapply for graduation at the next scheduled application period.

GRADE REPORTS

Within fifteen working days after the end of an academic term, students will receive a grade report showing grades for courses completed for the term. The report will also reflect the term grade point average and a cumulative grade point average. Grade reports are unofficial records. The University reserves the right to withhold the grade reports of students with financial obligations.

ACADEMIC HONORS

Honors at Graduation

The following honors are awarded at graduation to students who have maintained high scholarship.

Cum Laude-	cumulative grade point average of 3.20 to 3.49.
Magna Cum Laude-	cumulative grade point average of 3.50 to 3.79.
Summa Cum Laude-	cumulative grade point average of 3.80 or higher.

Other Academic Honors

The President's List-	Full-time students who have earned a semester grade point average of 4.0 (with a minimum of 12 semester hours and above)
The Dean's List-	Full-time students who have earned a semester grade point average of 3.5 to 3.99 (with a minimum of 12 semester hours and above)
The Honor Roll-	Full-time students who have maintained a semester grade point average of 3.0 to 3.499 (with a minimum of 12 semester hours and above)

Students enrolled in fewer than 12 semester hours of coursework, who have incomplete grades or pending grade changes, will not be considered for academic honors for that semester.

HONOR SOCIETIES

Alpha Kappa Mu - Alpha Kappa Mu National Honor Society is a general scholarship honor organization that is open to junior and senior men and women in all academic areas. The society was founded at Tennessee A & I State University in Nashville on November 26, 1937.

Alpha Phi Chapter of Alpha Kappa Mu at Florida Memorial University is open to all juniors and seniors with a GPA of 3.3 or better. The purpose of the Society is to promote high scholarship; to encourage sincere and zealous endeavor in all fields of knowledge and service; to cultivate a high order of personal living; and to develop an appreciation for scholarly work.

Sigma Tau Delta - Sigma Tau Delta is an International English Honor Society. Sigma Tau Delta's central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate, and professional studies. Sigma Tau Delta also recognizes the accomplishments of professional writers who have contributed to the fields of language and literature.

One of the largest members of the Association of College Honor Societies, Sigma Tau Delta has over 600 active chapters, more than 900 faculty sponsors, and inducts approximately 7,000 members annually. Members have the opportunity to be recognized for their outstanding achievements, enrich their education, help them make career choices, and advance their careers.

Kappa Delta Pi - Kappa Delta Pi is an International Honor Society dedicated to scholarship and excellence. The Society was founded March 8, 1911. Florida Memorial University received its Charter April 23, 1995. The Society subscribes to four ideals: Fidelity to Humanity, Science, Service and Toil. Invitation to membership in the FMU Phi Eta Chapter is extended to undergraduates who have obtained or earned an overall grade point average of 3.0 or above and to faculty and University administrators.

Delta Mu Delta - Delta Mu Delta National Honor Society in Business Administration is to promote higher scholarship in training for business and to recognize and reward scholastic attainment in business subjects.

Membership in Delta Mu Delta should be the goal of every student in the School of Business Administration. To be eligible for membership, the academic ranking of those being considered must place them in the upper 20 percent of the junior and senior level classes.

Psi Chi National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who are making the study of psychology one of their major interests and who meet the minimum qualifications. Psi Chi is a member of the Association of University Honor Societies (ACHS) and is an affiliate of the American Psychological Association (APA) and the American Psychological Society (APS).

Psi Chi functions as a federation of chapters located at more than 975 senior colleges and universities in the USA. The national office is located in Chattanooga, Tennessee.

GRADE APPEAL

Students may appeal grades if it is demonstrated that a faculty member has made a capricious or prejudicial evaluation in grading. To resolve grade grievances, students must adhere to the following procedures:

1. Discuss the problem with the instructor with whom they have the grievance
2. Meet with the school dean if the problem cannot be resolved with the instructor
3. File a grade appeal with the Grade Dispute Committee if the school dean cannot resolve the problem.

An appeal must be appropriately filed in the semester following the one in which the disputed grade was given.

CHANGE OF GRADES

Final grades can be changed only in instances of documented error. Grade changes must be reported by the professor on the Change of Grade Form. The form must be signed by the instructor and submitted with appropriate documentation to the dean who in turn will submit it to the Executive Vice President and Provost. Upon approval, the form is forwarded to the Office of the Registrar where the grade change is recorded. A student whose grade is changed will receive a student copy of the transcript reflecting the grade change. A grade may not be changed after two (2) semesters have elapsed.

REGISTRATION

Students must comply with student load requirements as explained in the Academic Regulations section of this catalog.

Dates for pre-registration, registration, and late registration for fall and spring semesters and summer sessions are published in the University Academic Calendar. Students are required to register in accordance with this schedule.

Schedules of classes are available in the advisors' offices. Students are urged to study schedules carefully and, in conjunction with their advisors, plan courses of study on the official registration worksheet form. This form is available in the academic advisors' offices.

Students currently enrolled will be charged a late registration fee if not pre-registered. Students have not completed registration until cleared by the Business Office. Registration will be canceled if not completed by the established deadline.

Students will not be permitted to enroll after the late registration period.

COURSE CANCELLATION

Course(s) may be canceled by school deans in the event of insufficient enrollment or lack of an instructor.

ADD, DROP AND WITHDRAWALS

Courses may be added during the designated add period at the beginning of each semester. Students may neither register for nor add after this period. Courses may be dropped through the second week of the semester. (See appropriate date on calendar.) Students may not drop a course after this period but may only withdraw from the course or the University. Dropped courses are not reflected on the student's transcript.

Withdrawal from Courses - At the end of the drop period students may withdraw from one or more courses during the withdrawal period indicated on the academic calendar. "WP" (Withdrew - Passing) or "WF" (Withdrew - Failing) will be given to reflect academic progress at the time of withdrawal.

Withdrawal from the University - Students may withdraw from the University as late as one week before the last week of classes. After this time, official documentation should support an emergency beyond the control of the student. An official withdrawal form must be executed during the term for which the student wishes to withdraw from the University. Students who wish to withdraw from the University should contact the Office of the Registrar for procedural information. The effective date of the withdrawal is the student's last date of attendance according to faculty records. Failure to adhere to these procedures will result in a grade of "F" in all courses in which the student is registered.

A student who leaves the University without official notification due to extraordinary circumstances beyond the student's control and receives failing grades may submit a request for an academic retroactive withdrawal no later than one semester after the receipt of final term grades; relevant documentation and a letter of explanation must be submitted to the Registrar's Office, the withdrawal effective date will be the last day of classes of the term in question, according to the University's Calendar.

Students can also be administratively withdrawn from the University at any time by the Registrar upon recommendation by the Vice President for Student Affairs, Executive Vice President and Provost, or the President. Such withdrawals may be made for disciplinary reasons, or when students fail to meet financial obligations or academic regulations.

Students whose enrollment at Florida Memorial University are interrupted for more than one semester are required to submit applications for re-admission. The applications must be sent to the Office of Admissions. Students placed on academic suspension must remain in that status for one semester (fall or spring) before being considered for readmission. Students who voluntarily withdraw from the University for one or more academic years, are required to apply for re-admission. Degree requirements stated in the University Catalog for the academic year a student is readmitted must be satisfied.

AUDITING A COURSE

Students may register to audit courses with the written approval of the instructor and the dean of the major school. Credit will not be granted for audited courses. Students are not required to prepare written assignments or to take examinations. A per credit hour fee for each course audited is assessed according to the current fee schedule.

CONCURRENT ENROLLMENT AT ANOTHER UNIVERSITY

Students may be allowed, in extenuating circumstances, to enroll in another regionally accredited institution for specified courses. Approval of the school dean and Executive Vice President and Provost is necessary. Failure to obtain approval will cause denial of credit. Further, students seeking concurrent enrollment are limited to the conditions of Florida Memorial University student credit load and grade requirement policies.

TRANSIENT PERMIT

Florida Memorial University - Students who enroll at other institutions with the intention of using credits earned toward graduation from Florida Memorial University must receive prior permission from the school dean and the Executive Vice President and Provost. Students must complete a Transient Permit Form which can be obtained from the Office of the Registrar.

Students may take courses only at other regionally accredited institutions. Only grades of "C" or better can be applied to Florida Memorial University transcripts.

Other Institutions - Students from other institutions who enroll at Florida Memorial University should present approval from the home institution prior to registering for courses.

CLASSIFICATION OF STUDENTS

Florida Memorial University classifies students by level and special status according to the number of hours completed.

Classifications by level are as follows:

Freshman - 0 to 29 semester hours

Sophomore - 30 to 59 semester hours

Junior - 60 to 89 semester hours

Senior - more than 89 semester hours

Students who are not enrolled in degree programs are classified as non-degree seeking students.

ACADEMIC HONOR CODE

Florida Memorial University recognizes honesty and integrity as necessary to the academic purpose and function of the institution. The University, therefore, expects a high standard of individual honor in all academic endeavors from each student.

Academic dishonesty includes cheating, plagiarism, forgery, collusion, and credential misrepresentation. Students found guilty of academic dishonesty are subject to disciplinary action, including loss of credit, suspension, or immediate dismissal from the University.

Cheating - The use or attempt to use unauthorized materials, information, study aids, or computer-related information. This includes giving or receiving, offering or soliciting information on tests or written assignments, and/or using notes or books other than those explicitly permitted by the instructor during an examination.

Plagiarism - Representation of words, data, works, ideas, computer programs, or anything not generated in an authorized fashion properly cited as one's own.

Forgery - Willful misrepresentation or altering of documents with intent to defraud. It is a crime punishable by law. Its most common occurrence among students includes, but is not limited to, the misrepresentation of signatures (especially that of an academic advisor) on official documents of the University or the attempt to cash checks that are not lawfully their own.

Collusion - Cooperation of student(s) with staff personnel in securing confidential information/material (tests, examinations, etc.); bribery by student(s) or staff personnel to change examination grades and or grade point average(s); cooperative efforts by students and student assistant(s) in gaining access to examinations or answers to examinations for distribution; and resubmission of term papers and/or reports that have been submitted previously and graded, but have been secured and re-circulated among students.

Credential Misrepresentation - Use of untrue written statements regarding matters of fact in order to gain admission to or employment at Florida Memorial University. This also includes misstatements of fact, distribution of false printed material, and conduct manifestly intended to deceive or mislead.

STUDENT RECORDS

Florida Memorial University does not release student record information, except as permitted under the Family Education Rights and Privacy Act of 1974 (Buckley-Pell Amendment).

Student records are confidential, and information which can identify a student will not be released to a third party unless authorized by the student. A record of all authorizations will be kept in the student's file. Students may request, in writing, access to personal official records and may challenge the accuracy of records maintained by the University. The Office of the Registrar will respond to any request within ten working days.

Requests for official or unofficial Florida Memorial University transcripts are made in person to the Office of the Registrar or by the U.S. mail. Telephone requests will not be honored. Third party requests must include a signed release authorization from the student.

The following information is necessary to process a transcript.

- Student name
- Student identification number or Social Security number
- Date of birth
- Dates of attendance
- Degree(s) obtained (if any)
- The request must be signed and dated by the student

- The request must also include the full address of the person or institution receiving the transcript.
- A \$3.00 fee is required, in cash or money order for each copy of the transcript.
- Transcript requests should be addressed to:
Registrar's Office
Florida Memorial University
15800 NW 42nd Ave.
Miami, FL 33054

Students who are negotiating with co-op employers who require grades should request a transcript in the usual manner and allow the usual time.

RIGHTS GRANTED TO STUDENTS UNDER THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974 (FERPA)

ACCESS TO STUDENT RECORDS

Under the provisions of the Family Educational Rights and Privacy Act of 1974, students have the right to inspect and review educational records. In addition, they have a right to an explanation and interpretation of those records, including the right to a hearing to challenge the contents of such records. Requests for an explanation concerning a record should be addressed to the University official, in charge of the record. Academic records, supporting documents and general education records are maintained by the Registrar, academic departments and advisors and the deans' offices; records of disciplinary proceedings by the Vice President for Student Services; financial records by the Business Office; medical records by the Health Center; financial aid records by the Financial Aid Office; placement records by the Career Planning and Placement Office; and counseling records by the Counseling Services Center. All such records are the property of the University.

The following records are not available for student inspection: records of instructional, supervisory and administrative personnel in the sole possession of the maker thereof and not accessible to other persons; records created or maintained by a physician, psychiatrist, psychologist or other recognized professional or paraprofessional are used only in connection with the provisions of treatment of a student and are not available to persons other than those individuals providing such treatment; records and documents of a law enforcement unit, including those of the University's Department of Public Safety; financial records of students' parents; confidential letters and statements of recommendation placed in a student's

file prior to January 1, 1975, or those received after January 1, 1975, for which the student has signed a waiver of his/her right to access.

Information in student's education records will not be released to third parties without the student's written consent except to the following: officials of this University, including instructional staff, who have legitimate educational interests; officials of other schools in which the student seeks to enroll; accrediting organizations; parents of a student who qualifies as a dependent under the Internal Revenue Code; federal and state educational authorities and organizations conducting studies for such authorities in the areas of testing, student aid and instruction; people seeking information pursuant to a judicial order or subpoena; and appropriate people in connection with an emergency involving health or safety.

Directory information - student's name, address, telephone number, date and place of birth, major field of study, class year, dates of attendance, degrees and awards received, enrollment status, past and present participation in officially recognized sports and activities, height and weight of student athletes, and most recent previous educational institution attended - may be made public by the University unless the student submits a written request to the Registrar, at the beginning of each semester that such information be released only upon his/her consent.

VETERAN AFFAIRS

Florida Memorial University maintains a Veteran Affairs Office in the Office of the Registrar to assist veterans and dependents of veterans who are entitled to V.A. educational benefits under Chapter 30, 32, or Chapter 35 of Title 38, U.S. Code and Chapter 106, Title 10, USC.

STANDARDS OF PROGRESS POLICY FOR VETERANS

Students are considered to be in good academic standing when the cumulative grade point average is a minimum of a 2.0. Florida Memorial University's policies on academic warning, probation and suspension are based on the possibility that students can overcome academic difficulty and make appropriate progress toward a degree.

Academic Warning (*Freshman Only*)

(See page 25)

Academic Progress*(See page 25)***Academic Probation***(See page 25)***Academic Suspension***(See page 25)***Academic Appeal***(See page 25)***Academic Dismissal***(See page 25)***Re-admission***(See page 25)*

Termination of Veterans Benefits - A student who receives Veterans Educational Benefits who is placed on academic warning must regain a cumulative grade point average of 2.0 or better at the end of the semester following the notification. If at the end of this semester the cumulative grade point average is below 2.0, the U.S. Department of Veterans Affairs will be notified to terminate the veteran's educational benefits.

CAREER DEVELOPMENT

The Career Development Center has two objectives. Career Development provides services such as resume writing, job search interview techniques, job readiness and motivational tools; it assists students and alumni with job placement, career exploration and planning through individual and group counseling, workshops, the SIGI Plus Skills Assessment Test and seminars. A library of career and graduate school information is maintained by this office.

Cooperative Education Internship is a training program for professional development which allows students to incorporate classroom activities with practical on-the-job experiences. The program is a joint venture between employers and the University which allows alternate periods of off-campus work and on-campus study as part of academic programs.

Students receive financial remuneration during work periods and may also earn academic credit.

The off-campus employment must be closely related, and contribute significantly, to the students' career goals. Cooperative Education is centralized in the Career Development Center and is optional for departmental majors. Students are encouraged to get information about cooperative education from the school of the declared major. Freshmen are not eligible to co-op, but they may make preparations by obtaining information about the program from the Career Development Center.

Basic requirements for participation in the co-op program are

- a. 2.8 grade point average (GPA)
- b. 31 semester credit hours, pending placement, at the conclusion of the first semester of the sophomore year
- c. Willingness to accept a professional field assignment in any geographic location. Preferences will be considered, but cannot be guaranteed
- d. Completion of at least three (3) sessions of orientation before a professional field assignment is given.

CENTER FOR ACADEMIC ADVISEMENT

The mission of the Center For Academic Advisement (CFAA) is to coordinate the institutional advising system and provide academic support services which promote academic success and student progress toward graduation. The CFAA provides developmental, educational and academic skills workshops and serves as a resource for Florida Memorial University faculty, staff and students for issues related to academic advising.

CENTER FOR URBAN ENVIRONMENTAL STUDIES

The Center for Urban Environmental Studies provides educational and research opportunities to faculty and students and outreach to communities on environmental issues with emphasis on South Florida. The Center has six components:

- Bachelor of Science in Environmental Studies
- Minors in Ecology and Environmental Studies
- Community Environmental Education, Awareness, and Outreach
- Faculty Development
- Campus Environmental Awareness and Student Internships, and
- Environmental Research

Interested faculty may apply to become Center Associates by contacting the Director or the Associate Director. Students who are interested in majoring in Environmental Studies or in participating in environmental internship experiences should also contact the Director. The Center is housed in LEH 204 and its Geographical Information System (GIS) Lab is located in LEH 206.

UNIVERSITY LIBRARY AND SERVICES

The mission of the Florida Memorial University Library is to provide resources and instructional material in support of the transmission and exchange of scholarly information. The library evaluates its programs, collections, technology, service delivery, and other activities on a regular basis, in order to meet the challenges of a changing technological and global society. The Florida Memorial University Library seeks to be both an educational resource center for the University community, and a learning organization that constantly works to maximize its effectiveness in accomplishing its mission.

GRANTS AND SPONSORED RESEARCH

The Office of Grants and Sponsored Research assists faculty and staff in identifying grant and research funding opportunities, in writing and developing grant and research proposals, and in monitoring grants management activities.

Its goal is to advance the mission of the University through the use of external funds received from grant and contract awards. To this end, the office endeavors to encourage and support grant writing, grants manage-

ment and sponsored research activities as these processes enhance teaching and learning, support institutional growth, promote faculty development and provide service to the community (see the Office of Grants and Sponsored Research's Proposal Writing and Grant Development Guide).

Grant and contract funds received by the University are managed in accordance with restrictions imposed by the external funding agency or organization and in accordance with standard and generally accepted accounting procedures and federal regulations. This office assists with the implementation of grants and contracts, with the monitoring of program expenditures, and with grant reporting and closeout requirements.

INSTITUTIONAL RESEARCH

The Office of Institutional Research is responsible for the collection, analysis, and reporting of official information about the University, its students, and faculty. This includes reporting the United States Department of Education's Integrated Postsecondary Education

Data System (IPEDS) annual surveys, The University Fund/UNCF's Annual Survey, and the Independent Colleges and Universities of Florida's Accountability Report. It assists other offices in the construction, administration, and analysis of surveys and reports. It also prints, distributes, analyzes, and reports the Course and Instructor evaluation survey during the fall and spring semesters. The Office is staffed by a Director, a staff assistant, and several student assistants.

TESTING CENTER SERVICES

The Testing Center offers testing services to Florida Memorial University faculty, staff, student body, and its surrounding communities. It operates in conjunction with the Office of Institutional Research in disseminating student assessment data.

The Center develops and distributes schedules of all major tests administered. The following tests are administered regularly on campus in the center: College Level Achievement Skills Test (CLAST), Graduate Management Admission Test (GMAT), Graduate Record Examination

(GRE), Multiple Assessment Programs and Services (MAPS), College Placement Test (CPT), National Teachers Examination (NTE), Scholastic Assessment Tests (SAT), Test of English as a Foreign Language (TOEFL).

The Testing Center administers placement tests for all freshman students. These tests determined whether students are placed in developmental or University-level courses.

CORE CURRICULUM

The purpose of the core curriculum is to expose students to a common body of knowledge which lays the foundation for upper level courses. The core curriculum is also designed to ensure that students have some exposure to the content and methods of inquiry in the major subject fields in a liberal arts education. The core curriculum follows:

African American History (3 credits) *Select 1 from the following:*

HIS 103 African American History I OR

HIS 104 African American History II

Communications (12 credits)

ENG 101 College Writing I

ENG 102 College Writing II

COM 103 Introduction to Public Speaking

REA 101 Critical Thinking and Reading or ENG 111 First Year Literature

College and Life Skills (3 credits)

FMC 101 Education and Life Seminar

Health (2 credits)

PED 110 Dimensions of Wellness

Religion (3 credits)

REL 101 Introduction to Religion or

REL 201 Introduction to Philosophy*

Natural Sciences (6 credits) *Select 2 from the following:*

BIO 101 Biological Science

PSC 101 Physical Science

ENV 101 Introduction to Environmental Science OR
6 credits of more advanced science courses

Quantitative Reasoning (6 credits) *Select 1 option:*

Option I

MAT 101 College Mathematics I
MAT 102 College Mathematics II

OR

Option II

6 credits of more advanced mathematics courses
MAT 105 Integrated Mathematics*
MAT 111 College Algebra
MAT 112 Pre-Calculus
MAT 201 Calculus I
MAT 202 Calculus II

Humanities (3 credits) *Select 1 from the following:*

ART 200 Art Appreciation
DRA 200 Drama Appreciation
MUS 200 Music Appreciation
ENG 405 Creative Writing

Technology (3 credits) *Select 1:*

CSC 101 Introduction to Computers
EDU 331 Instructional Technology*
PEG 101 Introduction to Engineering**

OR

3 credits of a more advanced computer course

Modern Foreign Language (6 credits) *Select 1:*

SPA 201 Elementary Spanish I
AND SPA 202 Elementary Spanish II

OR

FRE 201 Elementary French I
AND FRE 202 Elementary French II

OR

SPA 323 Spanish for Native Speaker I
AND SPA 324 Spanish for Native Speakers II

OR

FRE 312 French for Native Speakers I
AND FRE 313 French for Native Speakers II

Social Sciences (3 credits) *Select 1 from the following:*

SOC 200 Introduction to Sociology

OR PSY 200 Introduction to Psychology

AND

History/Government (3 credits) *Select 1 from the following:*

ECO 200 Introduction to Economics

(for non-business majors)

SSC 101 Contemporary Society I

SSC 102 Contemporary Society II

ECO 201 Macroeconomics *(for non-business majors)*ECO 202 Microeconomics *(for non-business majors)*

HIS 104 African American History II

HIS 200 History of the United States

POL 301 U.S. Government

Core requirement for Education Majors**Core requirement for Pre-Engineering Majors*

Students are exempt from taking Educational and Life Seminar (FMC 101) if they are (a) 25 years or older; (b) hold an associate of arts or science degree from a regionally accredited community University; (c) are transfer students and have taken an equivalent course at a regionally accredited college or university.

PRE-COLLEGE/DEVELOPMENTAL COURSES

Students who on the basis of test scores administered by Florida Memorial University exhibit deficiencies in English, reading, or mathematics will be required to take appropriate courses prior to enrolling in courses in the Core Curriculum. Students will receive letter grades for these courses. Developmental courses will not be counted as part of credit hours required for graduation. Developmental courses become a part of the student's permanent academic record. Additional information pertaining to these courses is found in the Freshman Studies section of the catalog.

HONORS PROGRAM

The Honors Program provides an alternative academic curriculum for highly motivated students. This advanced curriculum helps prepare students for study in graduate and professional schools upon graduation. The mission of the Honors Program is to inspire students to become leaders within both their professions and communities.

ADMISSION CRITERIA

Admission to the Honors Program requires

- High School GPA of 3.5 and above
- Letters of Recommendation
- SAT score of 1000 or better or ACT score of 23 or better

RETENTION IN HONORS PROGRAM

Students must maintain a cumulative grade point average of 3.0 or better to continue in the Honors Program. If the GPA falls below 3.0, the student will be allowed one semester to raise the GPA to the required level.

HONORS PROGRAM CURRICULUM

Students in the Honors Program curriculum take courses which replace certain core courses of the general education curriculum. Honors students will take Honors Seminar I & II in lieu of education and life seminar requirement; Honors Mathematics I and II in lieu of core mathematics requirement; Honors English I and II in lieu of core English requirements and Reading 101; Insight I and II in lieu of core science requirements; Technology (honors) in lieu of Introduction to Computers; African American History I and II.

First Year

MAT 103H Honors Mathematics I	3
ENG 104H Honors English I	3
SCI 104H Insight I (Science)	3
SEM 101H Honors Seminar I	1

MAT 104H Honors Mathematics II	3
ENG 105H Honors English II	3
SCI 104H Insight II (Science)	3
SEM 102H Honors Seminar II	1

Second Year

CSC 202H Technology (Honors)	3
HIS 201H African American History I	3
HIS 202H African American History II	3

Third Year

RSC 303H Research Methods (Honors)	3
------------------------------------	---

Fourth Year

RSC 403H Honors Thesis	3
------------------------	---

FRESHMAN STUDIES

The Freshman Studies Department offers some of the first-level courses required in the Core Curriculum. The Department is the point of entry for all first year students and for returning and transfer students who have not declared a major and/or who are required to enroll in two or more pre-college/developmental studies courses. Students who are required to take only one pre-college/developmental studies course are co-advised in the Freshman Studies Department and the degree-granting department while that course requirement is being fulfilled:

In its institutional role, the Freshman Studies Department

- orients new students to the University,
- provides academic advisement to students during their tenure in the Department,
- instructs students in English, mathematics, and reading on both pre-college/developmental studies and college levels
- offers and instructs students in a college success and study skills seminar, and oversees and monitors the progress of students.

Entrance Tests

New, non-transfer, students who do not have appropriate ACT, SAT or Advance (A) Level results are required to take the Computerized Placement Test (CPT) or an equivalent standardized placement examination prior to registering for classes. The placement test measures achievement levels in English, mathematics, and reading. Based on the results of the test, students are assigned appropriate college-level courses, pre-college/developmental studies courses, or both.

New, non-transfer, students not required to take a placement are those who have the minimum scores and/or grades listed on either of the tests below:

ACT 19

SAT Math 440

Verbal or Writing 420

International students with passing grades (or scores I – V) in Ordinary Level (O Level) and GCE Advance Level (A Level – now known as CAPE) are also exempt from taking the placement test.

Transfer students who have declared a major (and are not required to take pre-college/developmental studies courses in English, mathematics, and reading) are referred immediately to the degree-granting school of choice for advisement.

Progression Standards in Freshman Studies

Students must pass each course in the sequence of courses offered by the Department with a grade of “C-” or higher. Students who earn midterm grades of “D” or “F” in English, mathematics, reading or Education and Life Seminar must pre-register for the same course before advancing to the next one in the sequence. “D” and “F” are not passing grades. Students must repeat courses in which “D” or “F” grades are earned.

Academic Resource Center (ARC)

The Academic Resource Center (ARC) is a supplemental learning assistance facility in the Freshman Studies Department. The ARC provides a supportive environment where students can work to enhance academic performance on concepts explored in class. ARC services include diagnosing, remediating, reinforcing, enriching, and evaluating knowledge and skills. Priority is given to students who must complete required laboratory hours in conjunction with their courses although; other students seeking assistance are also served.

The major focus in the ARC is one-to-one and small-group tutoring with subject area professionals and peer tutors. Seminars, workshops, are organized to address a range of academic concerns. Peer tutors also work with study groups to review for examinations.

Computerized Academic Skills Laboratory

The Computerized Academic Skills Laboratory provides students an opportunity to reinforce classroom lessons and to eliminate specific academic deficiencies through the use of computer software programs. The skills lab is used by students primarily to strengthen skills in mathematics, reading, and writing. Students may also develop skills in the use of computers (especially word processing).

The laboratory coordinator assists, monitors, and supervises students who are referred to the laboratory by instructors.

Writing Center

The Writing Center is a complimentary laboratory component of the Freshman Studies Department designed to assist students in developing, improving and enhancing their writing skills and levels. Students are aided in acquiring the necessary skills to write effectively through individualized tutoring and computer-assisted instruction. Portfolios are maintained by the Center's personnel for students and instructors to monitor students' progress.

Academic Advisement in Freshman Studies

The advising process begins initially during new student orientation and continues throughout students' duration in Freshman Studies Department and in degree-granting schools. Academic advising in Freshman Studies is designed to provide students with the guidelines and means necessary to develop and progress through their educational goals and curricula requirements. This is achieved mainly through a partnership between the student/advisee and advisor in the review of requirements and appropriate course selection for the level and sequence of study.

Freshman Studies is responsible for the academic advisement of students who have not declared a major and/or students who must complete pre-college/developmental studies courses in English, mathematics, and reading offered by the department. Upon successful completion of course requirement(s), students are referred to the degree-granting school and department of the intended major for academic advisement. Students who are not required to take pre-college/developmental studies courses are referred directly to a degree-granting school for academic advisement.

Academic advisement is mandatory and students should confer with advisors regularly. However, advising errors do not exempt students from the responsibility of meeting all degree requirements for graduation.

Pre-College/Developmental Studies Program

The goal of the Pre-College/Developmental Studies Program is to strengthen academically under-prepared students in English, mathematics, and reading through intensive instruction and tutorial assistance. As a consequence, students' skills are improved and brought to college level in the related areas. These courses are required of all freshman and some transfer students whose college placement test results fall below the minimum requirement for enrolling in required courses in the core/general education curriculum. All pre-college/developmental studies program courses include laboratory assignments in addition to regular classroom assignments and participation. Students must successfully complete pre-college/developmental studies courses within three (3) grading periods.

Pre-College/Developmental Studies Program courses require a minimum of a "C-" grade for passing. Because of the preparatory nature of the program, credits earned in pre-college/developmental studies courses do not count toward minimum graduation requirements. Students may use credits earned in these courses to qualify for financial aid, however. Additionally, grades and credits earned in these courses continue to be included in the GPA and are not deleted from the calculation until all other degree requirements have been met.

Pre-College/Developmental Studies Program Curriculum

DSE 099 Essentials for College English	3
DSM 099 Essentials for College Math	3
DSR 099 Essentials for College Reading	3

Pre-College/Developmental Studies Program Guidelines

1. Students testing into DSE 099 may not enroll concurrently in writing intensive courses.
2. Students testing into DSM 099 may not enroll concurrently in computation intensive courses.
3. Students testing into DSR 099 may not enroll concurrently in reading intensive courses.
4. Students enrolled in two or more pre-college/developmental studies course are limited to 12 to 14 credit hours for that semester. Students enrolled in all three pre-college/developmental studies program courses are limited to a schedule typified by the following:

DSE 099 Essentials for College English	3 credits
DSM 099 Essentials for College Math	3 credits
DSR 099 Essentials for College Reading	3 credits
FMC 101 Education and Life Seminar	3 credits
PED 110 Dimensions of Wellness	<u>2 credits</u>
Total	14 credits

School of **ARTS & SCIENCES**

DEPARTMENT OF COMPUTER SCIENCE, MATHEMATICS & TECHNOLOGY

The Department of Computer Sciences, Mathematics & Technology offers the following degrees:

- The Bachelor of Science in Computer Science
- The Bachelor of Science in Computer Information Systems
- The Bachelor of Science in Management Information Systems
- The Bachelor of Science in Mathematics

The Computer Science (CS) major provides an opportunity to study algorithms and data structures, and to apply the hardware and software implementations of computers and computer systems. The Computer Science major covers theory and programming aspects. The program prepares students both for a possible research career and in diverse and interesting occupations, such as game programming, database design, artificial intelligence, networking, and robotics.

The Computer Information Systems (CIS) major provides an opportunity for students to learn how to combine general business knowledge with the latest software engineering tools and techniques to create and exploit information systems for organization success. The CIS major is a business related program that is less technical and focuses more on application development. The program prepares students for occupations similar to computer science but with a more application related slant. The CIS student must thoroughly understand the requirements of a business organization to design and specify computer systems for it.

The Management Information Systems (MIS) major takes a broad perspective of the computer field extending to management of computers in the business world and the application of information technology. The MIS major is business related and focuses more on management of businesses and computer resources along with the behavioral and organizational studies. It is even more business related than the CIS degree and contains less technical emphasis.

The Mathematics major prepares students for advanced studies or careers as mathematicians, actuaries, mathematical economists, operations researchers, or teachers of mathematics. Mathematics concentrates on the systematic evaluation of mathematic formulas and the application of pure science to real-world problems.

Department Mission Statement

The mission of the Department of Computer Science and Mathematics is to produce graduates who have a solid background in the fundamentals of their disciplines, to foster intellectual maturity, and to emphasize high moral and ethical standards. The department also develops technical knowledge that is relevant to their fields and prepares students to meet the professional and social challenges of a complex and rapidly changing world.

Graduates will leave our program with solid technical and professional competencies and will be good citizens who strive for high moral and ethical standards in their personal and professional lives. Our graduates will be aware of contemporary local, national and global issues, to become life-long learners, and to seek continual professional improvements to adapt to the ever-changing technological demands of the contemporary workplace.

Departmental Objectives

1. To create and maintain a high quality education for students.
2. To provide students an analytical ability to solve problems using mathematic, computer, and information sciences in a socially responsible way so they may continue to apply their knowledge as technology evolves.
3. To provide up-to-date technology and laboratory experiences so students will have a technological skill that is current in the workplace.
4. To encourage faculty professional development so that faculty members remain current in their field.
5. To support faculty and students in scholarly research activities.

Departmental Requirements

1. Complete a minimum of 121 credit hours, including all general education requirements, with a minimum cumulative G.P.A. of 2.0.
2. Complete all major courses with a minimum grade of "C-"
3. Complete all course requirements and credit hours specified by the degree program.
4. Complete a senior project.
5. Complete the department exit examination.

Bachelor of Science in **COMPUTER SCIENCE**

The Bachelor of Science degree in Computer Science prepares the student for a career in computer and information technologies and for continuing toward an advanced degree and research in computer science. The CS program stresses both theory and practical aspects of computer hardware and software. Students prepare for a possible research career and long-term technical leadership in the information technology industry.

The objective of the computer science program is to produce knowledgeable and well-rounded graduates who also possess and understand their ethical and social obligations in the field of information technology. The study of computer science exposes students to a broad range of fundamental concepts in programming, data structures, operating systems, database systems, computer architecture, and software engineering. The curriculum emphasizes science and mathematics as a foundation of computational discipline and provides students with tools and techniques to apply their skills to this rapidly accelerating field.

The major may lead to possible careers as a computer programmer, system analyst, software engineer, networking engineer, web developer, database administrator, or systems programmer.

The Computer Science major aims to provide expertise in the Computer Science body of knowledge as specified by the ACM and IEEE Computer Society Joint Task Force on Computing Curricula.

Program Educational Objectives

The objective of the BS in Computer Science program is to produce graduates who will have the following:

1. A strong foundation in computer science, along with the analytical, problem-solving, and modern programming technical skills and competencies needed to perform effectively as computer scientists and graduate students.
2. The interpersonal skills essential for productive teamwork and effective written, oral, and graphical communication skills in public settings.
3. A solid knowledge base and a social awareness, including ethical values needed to perform in the local and global information technology industry.

Program Outcomes

Each computer science graduate will demonstrate the following:

1. An ability to apply theoretical concepts, mathematical fundamentals, and analysis and resolution of complex problems to software engineering, computer networking, operating systems, and database systems enabling the ability to write modern computer software programs.
2. An ability to work cooperatively on team projects as well as the ability to compose written documents, make oral presentations, and effectively use application software.
3. A general understanding and a global perspective of the ethical and social issues and obligations in the field of information technology benefiting from a breadth of knowledge in the humanities, social sciences, and natural sciences.

Computer Science Course Requirements

I. General Education Core Courses (41 credit hours)

CSC101	Introduction to Computers
MAT111	College Algebra
ENG101	College Writing I
ENG102	College Writing II
COM103	Introduction to Public Speaking
REA101	Critical Thinking & Reading
FMC101	Education & Life Seminar
REL101	Introduction to Religion
PED110	Dimensions of Wellness
_____	Social Sciences Requirement
_____	African American History
_____	Humanities
_____	Modern Foreign Languages I
_____	Modern Foreign Languages II

II. Support Courses - Mathematics and Sciences (35 credit hours)

Mathematics/Statistics Courses (21 credit hours)

MAT112	Pre-Calculus
MAT113	College Trigonometry
MAT205	Probability & Statistics
MAT201	Calculus I
MAT202	Calculus II
MAT210	Discrete Mathematics
MAT____	Mathematics Elective (Above 300 Level)

Science Courses (14 hours)

Fourteen (14) hours of science include the equivalent of a two semester sequence in a laboratory science are required.

_____	Natural Sciences Requirement I
_____	Natural Sciences Requirement II
PHY201	College Physics I
PHY202	College Physics I Lab
PHY203	College Physics II
PHY204	College Physics II Lab

III. Computer Science Courses (45 credit hours)

List of Computer Science Classes required for a Major in Computer Science: (45 semester hours of which 18 must be advanced and 6 must be electives)

Core Computer Science (21 credit hours)

CSC232	Principle of Programming
CSC335	Data Structures
CSC341	Computer Organization
CSC360	Computer Operating Systems
CSC373	C++ Programming
CSC374	Java Programming
CSC490	Computer Ethics

Advance Core Computer Science (18 credit hours)

CSC375	Network & Data Communication
CSC385	Artificial Intelligence
CCS395	Software Engineering Principles
CSC405	Programming Languages
CSC483	Database Concepts & Design
CSC494	Software Project Development
CSC460	Senior Project (Capstone Course)

Approved Computer Science Electives (6 credit hours)

CSC350	Special Problems I
CSC351	Special Problems II
CSC365	Distributed Systems
CSC475	Computer Algorithm
CSC487	Database Programming
CSC498	Cooperative Education in Computer Science I
CSC499	Cooperative Education in Computer Science II

FRESHMAN YEAR

SOPHOMORE YEAR

JUNIOR YEAR

SENIOR YEAR

63

Minor in Computer Science

Note: Students wishing to minor in Computer Science must ensure that all pre-requisites necessary for the courses listed below are met.

CSC335	Data Structures
CSC341	Computer Organization
CSC360	Computer Operating Systems
CSC374	Java Programming
CSC375	Networks and Data Communications
CSC405	Programming Languages
CSC490	Computer Security & Ethics
MAT 201	Calculus I
MAT 202	Calculus II

Elective Course Requirements for Computer Science

CSC350	Special Problems I
CSC351	Special Problems II
CSC365	Distributed Systems
CSC475	Computer Algorithm
CSC487	Database Programming
CSC498	Cooperative Education in Computer Science I
CSC499	Cooperative Education in Computer Science II

Bachelor of Science in

COMPUTER INFORMATION SYSTEMS

The Bachelor of Science degree in Computer Information Systems (CIS) prepares the student for a career in computer information systems and information technology. The CIS degree focuses on the utilization of the computer, information technology and methodologies as tools to solve business problems, to give an organization a strategic advantage in business operation. Its objective is to ensure that students have a solid foundation in computer information sciences, technical proficiency, and essential business skills to successfully perform in various information technology environments. The program also emphasizes development of Web/Internet-based business information systems such as e-commerce.

The CIS program consists of technical courses such as programming languages, data structures, database systems, networking and data

communications, and information systems organization with emphasis on the business environment. CIS students will have both a business and technical foundation that will enable them to pursue either a business career or a technical career with an understanding of how technology facilitates business objectives and how business objectives need computer information systems to achieve their goals.

The CIS major prepares students for possible careers as technical support specialist, computer operator, database administrator, database programmer, system analyst and design, software engineer, web application developer, network administrator, network security specialist, information systems specialist, and multimedia specialist.

The CIS major and its curriculum aim to provide expertise in the Information Sciences Body of knowledge as specified by the ACM and IEEE Computer Society Joint Task Force on Information Sciences Curricula.

Program Educational Objectives

The main objective of the BS in Computer Information Systems program is to produce graduates who will have the following:

1. The acquisition of quantitative, analytical, problem-solving, and modern business, programming, and technology skills needed to perform effectively in a business environment as an information scientist as well as a graduate student.
2. The interpersonal skills essential for productive teamwork and effective written, oral, and graphical communication skills in public settings.
3. The professional and social responsibilities and knowledge of ethical values of modern local and global information technology.

Program Outcomes

Each computer information systems graduate will demonstrate the following:

1. An ability to apply theoretical concepts, analyze and resolve problems, and write computer programming software to system analysis and design, computer networking, database management systems, and related information systems fields utilized in the business environment.
2. An ability to work cooperatively on team projects as well as the ability to compose written documents and make oral presentations using application software in the public setting.
3. A global contemporary knowledge, such as humanities, the social sciences, and the natural sciences along with an understanding of the ethical and social issues in information sciences.

Computer Information Systems Course Requirements

I. General Education Core Courses (45 credit hours)

CSC101	Introduction to Computers
FMC101	Education & Life Seminar
REA101	Critical Thinking & Reading or
ENG 111	First Year Literature
ENG101	College Writing I
ENG102	College Writing II
COM103	Introduction to Public Speaking
REL101	Introduction to Religion
PED110	Dimensions of Wellness
_____	Social Sciences Req
_____	African American History
_____	Humanities
_____	Modern Foreign Languages I
_____	Modern Foreign Languages II

Science Courses (7 hours) include one semester laboratory science

_____	Natural Sciences Req I
_____	Natural Sciences Req II
_____	Natural Sciences Req II Lab

II. Mathematics/Statistics Courses (12 credit hours)

MAT111	College Algebra
MAT200	Applied Calculus
MAT205	Probability & Statistics
MAT210	Discrete Mathematics

III. CIS Environment Courses (21 credit hours)

ACC211	Principles of Accounting I
ACC352	Managerial Accounting
BUS 211	Principles of Management
MAR301	Principles of Marketing
ECO__	Economics Elective (Macro/Micro)
FIN301	Business Finance
BUS__	Business Electives

IV. Computer Science Courses (42 credit hours)

List of Computer Classes required for a Major in Computer Information Systems: (42 semester hours of which 18 must be advanced.)

Core Computer Information System (24 credit hours)

CSC232 Principles of Programming
 CSC333 Systems Analysis and Design
 CSC341 Computer Organization
 CSC374 Java Programming
 CSC360 Computer Operating Systems
 CSC375 Network & Data Communication
 CSC483 Database Concepts & Design
 CCS494 Software Project Development

Advanced Computer Information Systems (18 credit hours)

CSC490 Computer Ethics
 CSC460 Senior Project (Capstone Course)

Approved Advanced Electives

CSC345 Web Technology
 CSC350 Special Problems I
 CSC351 Special Problems II
 CSC365 Distributed Systems
 CSC385 Artificial Intelligence
 CSC405 Programming Languages
 CSC413 E-Commerce
 CSC445 Management Information Systems
 CSC475 Advanced Programming
 CSC487 Database Programming
 CSC498 Cooperative Education in Computer Science I
 CSC499 Cooperative Education in Computer Science II

Graduation Requirements

This degree program requires a minimum of 120 semester hours for completion.

FRESHMAN YEARFirst Semester

CSC 101	Intro to Computers	3
MAT111	College Algebra	3
ENG101	College Writing I	3
FMC101	Ed & Life Seminar	3
REA101	Critical Thinking& Read or	3
ENG111	First Year Literature	15

Second Semester

CSC232	Principles of Program	3
_____	Natural Science Req I	3
_____	African American Hist	3
ENG102	College Writing II	3
REL101	Intro to Religion	3
		15

SOPHOMORE YEARFirst Semester

CSC373	Java Programming	3
MAT200	Applied Calculus	3
_____	Nat Science Req. II	3
_____	Nat Science Req. II Lab	1
COM103	Intro to Public Speaking	3
PED110	Dimensions of Wellness	<u>2</u>
		15

Second Semester

CSC333	Sys Analysis & Design	3
MAT210	Discrete Mathematics	3
_____	Econ Elect(Mac/Micro)	3
_____	Humanities Req	3
_____	Social Sciences Req	<u>3</u>
		15

JUNIOR YEARFirst Semester

CSC341	Computer Organization	3
CSC360	Operating Systems	3
ACC211	Prin of Accounting I	3
BUS211	Principles of Mgmt	3
_____	Foreign Lang Req. I	<u>3</u>
		15

Second Semester

CSC375	Network & Data Comm	3
ACC352	Managerial Accounting	3
FIN301	Business Finance	3
_____	Advanced Comp Elective	3
_____	Foreign Lang Req. II	<u>3</u>
		15

SENIOR YEARFirst Semester

CSC483	Database Cpts & Des.	3
CSC494	Systems Development	3
_____	Business Elect	3
_____	Advanced Comp Elect	3
MAT205	Probability & Statistics	<u>3</u>
		15

Second Semester

CSC460	Senior Project	3
CSC490	Computer Ethics	3
_____	Advanced Comp Elective	3
_____	Advanced Comp Elective	3
MAR301	Marketing	<u>3</u>
		15

Minor in Computer Information Systems

Note: Students wishing to minor in Computer Information Systems must ensure that all prerequisites necessary for the courses listed below are met.

CSC333	Systems Analysis & Design
CSC374	Java Programming
CSC360	Computer Operating Systems
CSC341	Computer Organization
CSC483	Database Concepts and Design
CSC375	Networks and Data Communications
MAT201	Discrete Mathematics

Elective Course Requirements for Computer Information Systems

CSC345	Web Technology
CSC350	Special Problems I

CSC351	Special Problems II
CSC365	Distributed Systems
CSC385	Artificial Intelligence
CSC405	Programming Languages
CSC413	E-Commerce
CSC445	Management Information Systems
CSC475	Advanced Programming
CSC487	Database Programming
CSC498	Cooperative Education in Computer Science I
CSC499	Cooperative Education in Computer Science II

Bachelor of Science in

MANAGEMENT INFORMATION SYSTEMS

The Bachelor of Science degree program in Management Information Systems emphasize the concept that the computer is a management tool which can be used effectively in the planning, control, and decision making activities of the organization. One objective of the program is to provide students the skills and knowledge needed for employment in the computer industry and general business world as programmers, analysts, and managers. Additional objectives are to provide students with an understanding of the principles and operations of business, and the importance of the computer as a management tool through planning, control, and decision-making activities of the organization.

The Bachelor of Science degree with a major in Management Information Systems provides students with the required knowledge and skills to seek employment in the computer and information technology industry, and in general business organizations. Graduates seek positions as programmers, systems analysts, technical support, web designer, and other managerial positions.

Program Educational Objectives

The main objective of the BS in Management Information Systems program is to produce graduates who will have the following:

1. Sufficient quantitative, analytical, and problem solving skills in conjunction with a foundation in business, management, system analysis and design, and programming skills to solve and to manage information technology as a tactical resource in a business organization.

- 2. The skills to work cooperatively in a team, and to disseminate the results and findings to provide recommendations in an effectively written and oral presentation using computer applications.
- 3. The professional and ethical values and broad knowledge needed to be a responsible, well-rounded citizen of contemporary society.

Program Outcomes

Each management information system graduate will demonstrate the following:

- 1. An ability to apply theoretical concepts of computing science, system analysis and design, business management, and database management to enable analysis and resolution of business problems using the skills needed to write modern computer programs for business tools so as to gain added value to the business strategy.
- 2. An ability to work and communicate effectively with people to manage the venture successfully, including working on team projects. As well as the ability to compose written documents and make oral presentations using application software in a public setting.
- 3. A general understanding of computer ethics and social and professional responsibility along with knowledge of contemporary society through the humanities, social sciences, and natural sciences.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

FRESHMAN YEAR

First Semester			Second Semester		
CSC101	Intro to Computers	3	CSC220	Microcomputer App	3
MAT101	College Mathematics I	3	CSC232	Principles of Program	3
ENG101	College Writing I	3	MAT102	College Math II	3
FMC101	Ed & Life Seminar	3	ENG102	College Writing II	3
REA101	Critical Thinking/Read or	3	REL101	Intro to Religion	3
ENG 111	First Year Literature	3	PED110	Dim of Wellness	2
		15			17

SOPHOMORE YEAR

First Semester			Second Semester		
CSC250	Visual Basic Programming	3	CSC333	Systems Analysis & Design	3
CSC373	C++ programming	3	ECO___	Economics Elective (Mac/Micro)	3
_____	Natural Science Req. I	3	_____	Natural Science Req. II	3
_____	African American History	3	_____	Humanities Req	3
COM103	Intro to Public Speaking	3	_____	Social Sciences Req	3
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CSC345	Web Technology	3	CSC___	Advanced Computer Elective	3
CSC360	Operating Systems	3	CSC375	Network & Data Communication	3
ACC211	Prin of Accounting I	3	ACC212	Accounting II	3
BUS211	Principles of Management	3	BUS311	Business Law	3
_____	Foreign Lang Req. I	<u>3</u>	_____	Foreign Lang Req. II	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CSC483	Database Concepts & Des.	3	CSC487	Database Programming	3
CSC___	Advanced Comp Elective	3	CSC490	Computer Ethics	3
MAR 301	Marketing	3	CSC445	Management Information Systems	3
_____	Business Elective	3	CSC460	Senior Project	3
MAT 205	Probability & Statistics	3	CSC___	Advanced Computer Elective	<u>3</u>
		15			15

Minor in Management Information Systems

Note: Students wishing to minor in Management Information Systems must ensure that all prerequisites necessary for the courses listed below are met.

CSC 333	Systems Analysis & Design
CSC 374	Java Programming
CSC 360	Computer Operating Systems
CSC 341	Computer Organization
CSC 483	Database Concepts and Design
CSC 375	Networks and Data Communications
MAT 201	Discrete Mathematics
ACC 211	Principles of Accounting I
BUS 211	Principles of Management
CSC 250	Visual Basic Programming
CSC 445	Management Information Systems
CSC ___	Advanced Computer Elective*

**Any course above a 300 level from Computer Science, CIS and MIS Curriculum.*

Elective Course Requirements for Management Information Systems

CSC 345	Web Technology
CSC 385	Artificial Intelligence
CSC 350	Special Problem I
CSC 350	Special Problem II
CSC 413	E-Commerce
CSC 487	Database Programming
CSC 494	Software Project Development
CSC 405	Programming Languages
CSC445	Management Information Systems
CSC 474	Java Programming
CSC 395	Software Engineer Principles
CSC 475	Advanced Programming
CSC 498	Cooperative Edu in Computer Science I
CSC 499	Cooperative Edu in Computer Science II
CSC ____	Computer Elective*

**Any course above a 300 level from Computer Science, CIS and MIS Curriculum.*

Bachelor of Science in **MATHEMATICS**

The Department of Computer Science and Mathematics offers an undergraduate program leading to the Bachelor of Science degree in Mathematics. Majoring in mathematics gives students a solid analytical training applicable to any field of study. The curriculum of the program incorporates the two departments of mathematics: pure mathematics- geometry, algebra, calculus, trigonometry and applied mathematics- statistics, numerical analysis, ordinary differential equations, discrete mathematics. It also includes computer science, social science and humanities courses in order to produce knowledgeable and well-rounded graduates.

A degree in mathematics provides a foundation of logical thinking, problem solving and decision-making. In today's society, these are very powerful tools used in many different fields. This program is designed to prepare students for advanced study or careers as mathematicians, actuaries, mathematical economists, operations researchers or teachers of mathematics. A minimum of 45 credit hours in mathematics above the 100-level is required. A grade of "C" or better must be earned in each mathematics course.

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	MAT 112	Pre-Calculus	3
MAT 111	College Algebra	3	MAT 113	College	3
REA 101	Crit Think/Read or	3	REL 101	Intro to Religion	3
ENG 111	First Year Lit.		ENG 102	College Writing II	3
PED 110	Dimen of Wellness	2	— — —	Social Science Req	<u>3</u>
FMC 101	Edu & Life Sem	<u>3</u>			14
		15			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 201	Calculus	3	MAT 202	Calculus II	3
MAT 205	Statistics	3	MAT 210	Discrete Math I	3
CSC 373	C++	3	CSC 405	Prog Lang	3
— — —	Humanities Req	3	PSY 200	Intro to Psy	3
COM 103	Intro to Pub Spk	<u>3</u>	— — —	Afri Am Hist Req	<u>3</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 301	Calculus III	3	MAT 302	Multi-Vari Cal	3
MAT 350	Linear Algebra I	3	MAT 351	Linear Alge II	3
— — —	Nat Science Req	3	— — —	Nat Science Req	3
— — —	Nat Science Req Lab	1	— — —	Nat Scie Req Lab	1
— — —	Foreign Lang Req	3	— — —	Foreign Lang Req	3
— — —	Elective	<u>3</u>	— — —	Social Scien	<u>3</u>
		16			16

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 309	Intro to Mod Alge	3	MAT 306	Complex Vari	3
MAT 410	Differential Equa	3	MAT — —	Math Elective	3
MAT 450	Sr Proj in Math I	3	— — —	Elective	3
— — —	Elective	3	— — —	Elective	3
— — —	Elective	<u>3</u>	— — —	Elective	<u>3</u>
		15			15

Approved Electives

MAT 200	Applied Calculus
MAT 211	Discrete Mathematics II

MAT 303	History of Mathematics
MAT 305	University Geometry
MAT 307	Number Theory
MAT 402	Advanced Calculus
MAT 403	Real Analysis
MAT 404	Topology
MAT 405	Vector Calculus
MAT 411	Numerical Analysis I
MAT 412	Numerical Analysis II
MAT 414	Probability Theory
MAT 420	Directed Reading I
MAT 421	Directed Reading II

In addition, mathematics majors must complete the departmental requirement of one year of natural science courses.

Minor in Mathematics

A minor in mathematics consists of a minimum of 18 credit hours in mathematics beyond the 100-level. A grade of C or better must be earned in each course. Courses that may be used for the minor must be selected from the list of core and elective mathematics courses in consultation with the mathematics advisor.

DEPARTMENT OF CRIMINAL JUSTICE, INTERNATIONAL STUDIES & POLITICAL SCIENCE

Bachelor of Arts in

CRIMINAL JUSTICE

The criminal justice curriculum prepares men and women for careers and leadership roles in the prevention and correction of crime and delinquency. Students majoring in criminal justice study criminal justice systems and theories, criminal law, and corrections philosophy. Graduates are prepared for service in parole and probation agencies, correctional institutions, and federal, state, local and private investigative or security agencies, juvenile justice programs and law enforcement agencies. Graduates may choose to further their studies in graduate or law schools.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

FRESHMAN YEAR

First Semester

ENG 101	College Writing I	3
REA 101	Crit Think/Read or	3
ENG 111	First Year Lit.	
MAT 101	Coll Math I	3
CSC 101	Intro to Comp	3
FMU 101	Edu & Life Sem	3
		17

Second Semester

ENG 102	College Writ. II	3
MAT 102	Coll Math II	3
HIS ____	Afr Amer Hist	3
REL 101	Intro to Religion	3
		12

SOPHOMORE YEAR

First Semester

____	Humanities Req	3
____	Foreign Lang Req	3
CRJ 200	Intro to Crim Just	3
____	Elective	3
____	Nat Science Req	3
SOC 200	Intro to Sociology	3
		18

Second Semester

HIS200	History of USA	3
____	Foreign Lang Req	3
COM 103	Intro Publ Spk	3
____	Nat Science Req	3
PSY 200	Intro Psy	3
		15

JUNIOR YEAR

First Semester

ENG 309	Adv Gra & Com	3
CRJ 301	Criminal Law I	3
SSC 302	Intro to Statistics	3
SSC 300	Research Methods	3
POL 301	US Government	3
		15

Second Semester

SOC 309	Socio Deviance	3
CRJ 407	Constitut Law I	3
SSC 406	Advance Statist	3
POL 302	State & Local Gv	3
CRJ 304	Causes & Prev De	3
		15

SENIOR YEAR

First Semester

CRJ 403	Police Admin	3
CRJ 303	Probation & Parole	3
CRJ 423	Senior Project	3
____	Approved Elect	3
CRJ 409	Crim Evid & Ct Pr	3
		15

Second Semester

CRJ 403	Criminology	3
CRJ 405	Law Enforcement	3
SSC 424	Field Experience	3
____	Approved Elect	3
____	Approved Elect	3
		15

Approved Electives

CRJ 400 Selected Topics in Criminal Justice	3
CRJ 406 Senior Seminar	3
CRJ 302 Criminal Law II	3
CRJ 408 Constitutional Law II	3
CRJ 409 Criminal Evidence and Court Procedure	3
CRJ 410 Public and Private Security	3
CRJ 411 Drugs, Alcohol and Crime	3
CRJ 412 Criminal Investigation	3
SSC 424 Field Experience	3

Bachelor of Arts in
CRIMINAL JUSTICE
Concentration in Criminology

This major field of study enhances student appreciation of applying science to the study of crime, criminal and criminal behavior.

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
REA 101	Crit Think/Reader	3	CSC 101	Intro to Comp	3
ENG 111	First Year Lit		MAT 102	College Math II	3
MAT 101	College Math I	3	REL 101	Intro to Religion	3
HIS___	African Amer Hist	3			12
FMU 101	Ed & Life Sem	3			
PED 110	Dim of Wellness	2			
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
___	Humanities Req	3	___	Foreign Lang Req	3
___	Foreign Lang Req	3	HIS 200	History of USA	3
SSC 200	Intro to Sociology	3	COM 103	Intro Pub Spk	3
BIO 130	Prin of Biology	3	CHE 101	Intro to Chem	3
BIO 131	Prin of Bio Lab	1	CRJ 200	Intro Crim Just	<u>3</u>
PSY 200	Intro to Psyc	<u>3</u>			15
		16			

JUNIOR YEARFirst Semester

ENG 309	Adv Gra & Com	3
CRJ 301	Criminal Law I	3
SSC 302	Intro to Stat	3
SSC 300	Research Methods	3
POL 301	US Government	<u>3</u>
		15

Second Semester

SOC 309	Soc of Deviance	3
CRJ 307	Criminology	3
SSC 406	Advanced Stat	3
CRJ 407	Constitution Law	3
CRJ 403	Police Admin	<u>3</u>
		15

SENIOR YEARFirst Semester

CRJ 305	Confine Facilities	3
PSY 308	Personal Theory	3
— —	Approved Elect	3
CRJ 409	Crim Ev & Co Proc	3
CRJ 412	Criminal Invest	<u>3</u>
		15

Second Semester

CRJ 405	Law Enforcement	3
SSC 423	Senior Project	3
CRJ 410	Pub and Priv Sec	3
CRJ 411	Drug, Alcoh & Cri	3
— —	Approved Elect	<u>3</u>
		15

Approved Electives

CRJ 303	Correctional Philosophy and Services	3
CRJ 404	Cause & Prevention of Delinquency	3
CRJ 408	Constitutional Law II	3
CRJ 406	Senior Seminar	3
CRJ 302	Criminal Law II	3
SSC 421	Field Placement	3
PAD 306	Administrative Behavior	3
POL 302	State & Local Government	3

*Bachelor of Arts in***CRIMINAL JUSTICE***Concentration in Pre-Law*

These courses in these areas will provide each student with both the needed skills and foundation that will lead to either the successful pursuit of employment opportunities or additional graduate or professional school studies.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

FRESHMAN YEAR

First Semester

ENG 101	College Writing I	3
REA 101	Crit Think/ Reador	3
ENG 111	First Year Literature	
MAT 101	Coll Math I	3
HIS ____	African Amer Hist	3
FMU 101	Ed & Life Sem	3
PED 110	Dim of Wellness	<u>2</u>

17

Second Semester

ENG 102	College Writing II	3
CSC 101	Intro to Comp	3
MAT 102	Coll Math II	3
REL 101	Intro to Religion	<u>3</u>

12

SOPHOMORE YEAR

First Semester

____ ____	Humanities Req	3
____ ____	Foreign Lang Req	3
SOC 200	Intro to Sociology	3
____ ____	Natural Science Req	3
PSY 200	Intro to Psy	<u>3</u>

15

Second Semester

____ ____	Foreign Lang Req	3
COM 103	Intro Pub Spk	3
CRJ 200	Intro Crim Just	3
HIS 200	Hist of the USA	3
ENG 309	Adv Gra & Com	3
____ ____	Nat Science Req	<u>3</u>

18

JUNIOR YEAR

First Semester

SSC 300	Research Mthds	3
CRJ 301	Criminal Law I	3
POL 301	US Government	3
SSC 302	Intro to Statistics	3
CRJ 305	Confine Facilities	<u>3</u>

15

Second Semester

SOC 309	Soc of Deviance	3
CRJ 302	Criminal Law II	3
SSC 406	Adv Statistics	3
POL 302	State & Local Gov	3
CRJ 306	Corr Phil & Serv	<u>3</u>

15

SENIOR YEAR

First Semester

CRJ 307	Criminology	3
CRJ 403	Police Admin	3
CRJ 407	Constit. Law I	3
CRJ ____	Approved Elect	3
CRJ 409	Crim Ev & Co Pro	<u>3</u>

15

Second Semester

SSC 424	Field Experience	3
SSC 423	Senior Project	3
CRJ 408	Constitut Law II	3
____ ____	Approved Elect	3
CRJ 436	Political Theory	<u>3</u>

15

Approve Electives

CRJ 304	Causes & Prevention of Delinquency	3
CRJ 400	Selected Topics in Criminal Justice	3
CRJ 410	Public and Private Security	3
CRJ 411	Drugs, Alcohol, and Crime	3
CRJ 412	Criminal Investigation	3
POL 330	International Politics	3
POL 337	Public Policy Analysis	3

Bachelor of Arts in **INTERNATIONAL STUDIES**

International Studies is an interdisciplinary major which draws upon the resources of faculty and departments across the university. This major provides students with a specialized education in the growing international job market. Graduates find occupations in the corporate world, the public sector, start their own business, or pursue graduate studies. The International Studies major consist of social, cultural, language, and business components. The minimum grade of "C" is required in all major courses. The advisor's approval is needed when choosing electives within this major.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	Coll Writing I	3	ENG 102	Coll Writing II	3
REA 101	Crit Think/Read or	3	MAT 102	College Math II	3
ENG 111	First Year Literature		CSC 101	Intro to Comp	3
MAT 101	College Math I	3	REL 201	Intro to Philos	3
HIS ____	Afr Amer Hist	3	SSC 200	Cultural Anthro	<u>3</u>
FMU 101	Ed & Life Sem	3			12
PED 110	Dim of Wellness	<u>2</u>			
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
____	Adv Gram & Com	3	BUS 211	Prin of Mgmt	3
____	Foreign Lang Req	3	____	Foreign Lang Req	3
____	Nat Science Req	3	____	Humanities Req	3
COM 103	Intro Pub Spk	3	SOC 200	Intro to Soc	3
PSY 200	Intro to Psych	<u>3</u>	____	Nat Science Req	<u>3</u>
		15			15

JUNIOR YEARFirst Semester

ECO 201	Prin of Macroeco	3
POL 301	U.S. Govt	3
SSC 302	Intro to Statistics	3
PAD 301	Con & Issues PAD	3
—	Interm For Lang Req	3
	Or	
—	Adv for Lang Grammar	<u>3</u>
		15

Second Semester

ECO 202	Prin of Microeco	3
POL 311	Comp Govt	3
GEO 303	World Reg Geo	3
SSC 300	Research Methods	3
—	Interm For Lang Req	3
	Or	
—	Adv for Lang Comp	<u>3</u>
		15

SENIOR YEARFirst Semester

BUS 404	Inter Bus	3
ECO 420	Inter Econ & Trade	3
MAR 301	Prin of Market	3
ECO 471	Money & Cap Mkt	3
POL 438	Intern Law & Or	<u>3</u>
		15

Second Semester

POL 330	Internation Pol	3
MAR 462	Inter Mrkt	3
SSC 423	Senior Project	3
— —	Approved Elect	3
— —	Approved Elect	<u>3</u>
		15

Approved Electives**Business Administration** (3 credits of the following)

BUS 344	Business Organization and Management	3
BUS 497	International Money and Finance	3

Humanities (6 credits of the following)

ENG 202	World Literature II	3
ENG 311	Business and Professional Speaking	3
ENG 321	Business and Professional Writing	3
ENG 361	Cross-Cultural/Gender Communication	3
— —	Survey of French/Hispanic Culture	3

Social Sciences (3 credits of the following)

HIS 400	History of the Non-Western World	3
SOC 304	Social Psychology	3
SOC 307	Community Organization	3

Bachelor of Arts in**POLITICAL SCIENCE & PUBLIC ADMINISTRATION**

The program in political science with a concentration in public administration offers background and preparation for students seeking to enter

graduate schools, government service, or teaching of political science in secondary schools. Students interested in teaching in secondary schools must consult with the School of Education concerning additional courses to be taken in order to meet graduation and certification requirements. Students interested in pursuing law as a career will work closely with their pre-law advisor.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
REA 101	Crit Think/Read or	3	CSC 101	Intro to Comp	3
ENG 111	First Year Literature		MAT 102	College Math II	3
MAT 101	College Math I	3	REL 101	Intro. to Religion	<u>3</u>
HIS ____	Afr Amer His	3			12
FMU 101	Ed & Life Sem	3			
PED 110	Dim of Wells	<u>2</u>			
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
____	Humanities Req	3	____	Humanities Req	3
____	Foreign Lanq Req	3	____	Foreign Lanq Req	3
ECO 201	Prin of Macro	3	POL 200	Intro Pol Sc	3
____	Nat Science Req	3	____	Nat Science Req	3
PSY 200	Intro to Psy	<u>3</u>	COM 103	Intro Pub Spk	3
		15	SOC 200	Intro to Soc	<u>3</u>
					18

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
HIS 200	History of the USA	3	PAD 304	Pub Per Admin	3
POL 301	U.S. Govt	3	POL 302	State & Local Gov	3
PAD 301	Concepts & Issues	3	PAD 306	Admin Behav	3
SSC 300	Research Methods	3	____	Approved Elect	3
POL 335	Const Law I	<u>3</u>	POI 408	Constitut Law II	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PAD 303	Prin of Pub Plan	3	POL 436	Political Theory	3
_____	Approved Elect	3	_____	Approved Elect	3
SSC 302	Intro to Statistics	3	POL 333	Pol of Govt Fin	3
POL 311	Comp Government	3	SSC 423	Senior Project	3
SSC 419	Field Placement	<u>3</u>	_____	Approved Elect	<u>3</u>
		15			15

Approved Electives

Social Sciences

SSC 320	Cooperative Education in the Social Sciences	6
SSC 424	Field Experience	3
SSC 420	Field Placement II	3

Political Science

POL 330	International Politics	3
POL 340	Third World Politics	3
POL 331	Politics of Black Americans	3
POL 337	Public Policy	3
POL 448	International Law & Organization	3

Public Administration

PAD 302	Management of Urban Government	3
PAD 401	Management of State Government	3
PAD 306	Florida Law & Public Governance	3
POL 338	Administration of Social Services	3

Minor in Criminal Justice

A minor in criminal justice requires a minimum of 18 credits hours in criminal justice courses. Students may choose 18 credit hours from the following courses:

CRJ 200	Introduction to Criminal Justice	3
CRJ 301	Criminal Law I	3
CRJ 302	Criminal Law II	3
CRJ 303	Probation and Parole	3
CRJ 305	Causes and Prevention of Delinquency and Crime	3
CRJ 306	Correctional Philosophy and Services	3
CRJ 403	Law Enforcement	3

CRJ 407 Constitutional Law I	3
CRJ 408 Constitutional Law II	3
CRJ 409 Criminal Evidence and Court Procedure	3

Minor in International Studies

A minor in international studies requires a minimum of 18 credit hours of coursework. Students may choose 18 credit hours from the following courses:

Choose two

PAD 301 Concepts & Issues in Public Admin	3
POL 333 Politics of Government Finance	3
POL 337 Pubic Policy Analysis	3
POL 436 Political Theory	3

Choose two

POL 311 Comparative Government	3
POL 330 International Politics	3
POL 438 International Law & Organization	3

Choose two

BUS 211 Principals of Management	3
BUS 404 International Business	3
ECO 420 International Economics & Trade	3
MAR301 Principles of Marketing	3

Minor in Political Science

A minor in political science requires a minimum of 18 credit hours in political science courses. Students may choose 18 credit hours from the following courses:

POL 301 US Government	3
POL 302 State and Local Government	3
POL 311 Comparative Government	3
POL 333 Politics of Government Finance	3
POL 403 Management of Federal Government	3
POL 407 Constitutional Law I	3
POL 408 Constitutional Law II	3
POL 436 Political Theory	3

Minor in Public Administration

A minor in public administration requires a minimum of 18 credit hours in public administration courses. Students may choose 18 credit hours from the following courses:

PAD 301 Concepts and Issues in Public Admin	3
PAD 302 Management of Urban Government	3
PAD 303 Principles of Public Planning	3
PAD 304 Public Personnel Administration	3
POL 403 Management of Federal Government	3
POL 407 Constitutional Law I	3
POL 408 Constitutional Law II	3
POL 436 Political Theory	3

DEPARTMENT OF THE HUMANITIES

The Department of Humanities offers majors in three programs: Communications (Broadcasting, Public Relations), English and Modern Languages, and Religion and Philosophy. These programs prepare students for further study at the graduate or professional school level, as well as for entry into professional careers. The varied humanities disciplines are unified by their unique ways of communicating—sharing human experience and knowledge. The humanities are the mirror and repository of culture. Like cultural institutions, they serve human needs. The Department of Humanities prepares students to compete successfully in the global cultural and economic community.

Department Mission Statement

The Humanities Department is designed to assist the University in its mission and recognizes that the study of the Humanities contributes to the quality of life. The Department expects that students will leave its community of scholars and traditions prepared to participate fully in society.

Objectives of the Department

1. To give students an integral knowledge of humanities via the study of communications, modern language, and religion and philosophy
2. To provide formal instruction to students who want to pursue careers in humanities professions
3. To develop awareness and understanding of the role of professionals in a complex and evolving society

4. To develop ideals and attitudes in students leading to professional actions that are ethically sound and integral to societal demands
5. To prepare students to compete successfully in an evolutionary global, cultural and economic community
6. To prepare students for admission to graduate school or professional schools and theological seminaries
7. To inspire the desire and hone the abilities of students to develop and maintain high standards of performance in spoken and written communication

Departmental Graduation Requirements

1. Successful completion of graduation requirements for undergraduates as identified under Academic Affairs of this catalog
2. Required courses in the major with a grade of "C" or better and an overall GPA of 2.0
3. Appropriate materials for graduation filed with the Registrar.

Bachelor of Arts in

COMMUNICATIONS - PUBLIC RELATIONS

The Bachelor of Arts degree in communications, with a concentration in Public Relations, prepares students for careers as advocates of businesses, nonprofit associations, governments, hospitals, academic institutions, and other organizations. Good public relations are an essential component of contemporary organizations. The Communications major provides students with the necessary foundation skills for organizational functions such as consumer and governmental relations, employee and investor relations, media relations, and community relations.

The Communications major, provides students opportunities to develop strategic communication, writing, and critical thinking skills that are vital in the global marketplace.

Graduation Requirements

This degree program requires a minimum of 125 semester hours for completion. All students majoring in Public Relations must earn a grade of "C" or better in all Communications courses.

FRESHMAN YEARFirst Semester

ENG 101	Coll Writing	3
MAT 101	College Math	3
FMC 101	Ed & Life Sem	3
REA 101	Critical Think /Read or	
ENG 111	First Year Lit	3
CSC 101	Intro to Computers	<u>3</u>
		14

Second Semester

ENG 102	Coll Writing II	3
MAT 102	College Math II	3
_____	Nat Science Req	3
COM103	Intro Pub Speak	3
PED 110	Dim of Wellness	<u>2</u>
		15

SOPHOMORE YEARFirst Semester

REL 101	Intro to Religion or	3
REL 201	Intro to Philosophy	
POL 301	U.S. Government	3
_____	Social Science Req	3
_____	Humanities Req	3
_____	Foreign Lang Req	<u>3</u>
		15

Second Semester

HIS 103	Afri Amer Hist or	3
HIS 104	Afri Amer Hist	
_____	Nat Science Req	3
_____	Foreign Lang Req	3
_____	Humanities Req	3
COM 301	Sur of Mass Comm	<u>3</u>
		15

JUNIOR YEARFirst Semester

COM 203	Newswrit & Report	3
COM 294	Writ for Elect Media	3
COM 309	Fund Rad/TV Prod	3
COM 314	Prin of Pub Rel	3
COM 422	Comm Rsrch	3
		15

Second Semester

COM 317	Publicat Design	3
COM 205	Pub Rel Writ	3
COM 319	Int'l Mass Com	3
COM 308	Voice/Diction or	
COM 306	Bus & Prof Spk	<u>3</u>
_____	Business Elective	3
		15

SENIOR YEARFirst Semester

COM 325	Pub Opin/Prop	3
COM 423	Public Rel Camp	3
COM 442	Media Law/Eth	3
COM 323	Organ Comm	3
COM 320	Int'l Public Rel	3
_____	Elective	<u>3</u>
		18

Second Semester

_____	Marketing Elect	3
COM 318	Case Stud in PR	3
COM 494	Pub Rel Intern	3
COM 495	Senior Project	3
COM 344	Div & Mass Com	3
_____	Elective	<u>3</u>
		18

Minor in Communications

A minor in Communications consists of a minimum of 18 credit hours from the Core Curriculum beyond the General Education requirements. A grade of "C" or better must be earned in each course. The following Core courses are recommended:

COM 301 Survey of Mass Comm	3
COM 203 Newswriting & Reporting	3
COM 205 Public Relations Writing	3
COM 442 Mass Media Law & Ethics	3
COM 314 Principles of Public Relations	3
COM 423 Public Relations Campaigns	3
COM 309 Fund of Radio/TV Prod	3

Core Requirements for Majors

COM 301 Survey of Mass Comm	3
COM 203 Newswriting & Reporting	3
COM 205 Public Relations Writing	3
COM 294 Writing for the Elect. Media	3
COM 314 Principles of Public Relations	3
COM 317 Publications Design	3
COM 318 Case Studies in PR	3
COM 423 Public Relations Campaigns	3
COM 442 Media Law & Ethics	3
COM 494 Public Relations Internship	3
COM 495 Senior Project	3
COM 309 Fund of Radio/TV Prod	3
COM 422 Communication Research	3

Recommended Electives

COM 306 Bus & Prof. Speaking	3
COM 323 Organizational Comm	3
COM 320 Int'l Public Relations	3
COM 319 Int'l Mass Comm	3
COM 308 Voice & Diction	3
COM 344 Diversity/Mass Comm	3
COM 303 Fundraising & Development	3
COM 325 Public Opinion/Propaganda	3
COM 330 Persuasive Communication	3
COM 300 Argumentation and Debate	3
COM 400 Adv Persuasive Speaking	3

Additional Electives

HIS 335 Africa in the Modern World	3
HIS 350 History of the Caribbean	3
HIS 400 Hist. of Non-Western World	3
PAD 304 Public Personnel Admin	3
BUS 345 Bus. Communications	3
BUS 350 Human Resource Mgmt	3
MAR 460 Advertising	3

Bachelor of Arts in

COMMUNICATIONS - TELEVISION

The Bachelor of Arts in Communications, with a concentration in Television, prepares students for careers in television, either as broadcast journalists or as producers. Students majoring in this concentration will develop broadcast communication skills, including announcing, on-camera performance, voice over production, video production and editing, audio production, and directing.

Graduation Requirements

The degree requires a minimum of 122 semester hours for completion. Students must earn a grade of "C" or better in all Communication courses.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3
FMC 101	Ed. & Life Seminar	3	— —	Nat. Science Req.	3
REA 101	Critical Think/Read or	<u>3</u>	COM 103	Intro to Pub. Speak.	3
ENG 111	First Year Literature	15	PED 110	Dim of Wellness	2
			CSC 101	Intro to Computers	<u>3</u>
					14

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
REL 101	Intro to Religion or	3	HIS 103	African Amer. His or	3
REL 201	Intro to Philosophy	3	HIS 104	African Amer. His.	
POL 301	U.S. Government	3	___ __	Nat. Science Req.	3
___ __	Social Science Req.	3	___ __	Foreign Lang. Req.	3
___ __	Humanities Req.	3	___ __	Humanities Req.	3
___ __	Foreign Lang. Req.	3	COM 301	Sur' of Mass Comm.	3
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 203	News writing & Rep.	3	COM 295	Television News Rep.	3
COM 201	Writing Elect. Media	3	___ ___	Elective	3
COM 328	TV Newscasting	3	___ ___	Major Elective	3
___ ___	Major Elective	3	___ ___	Major Elective	3
___ ___	Major Elective	3	COM 422	Comm. Research	3
___ ___	Business Elective	3	COM 329	TV Production	3
		18			18

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 442	Media Law & Ethics	3	___ __	Marketing Elective	3
COM 494	Internship	3	COM 495	Senior Project	3
___ __	Elective	3	COM 406	Television Practicum	3
___ __	Elective	3	___ __	Elective	<u>3</u>
___ __	Elective	<u>3</u>			12
		15			

Bachelor of Arts in**ENGLISH**

The English major/minor provides an important foundation in advanced writing and research skills for graduates entering fields such as religion, business, government, law, marketing, advertising, communications, public relations, education, and print and broadcast journalism.

A major in English also prepares students for graduate study in English language and literature. Upon the recommendation of the English advisor, English majors may minor in a number of disciplines. Students desiring to teach English at the middle or secondary school level will be directed to contact the School of Education.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion. English majors must take a minimum of 39 credits in English at the 200 level or above.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3

PED 110	Dim of Wellness	2	CSC 101	Intro to Comp	3
FMC 101	Ed & Life Sem	3	_____	Afri Amer Hist I	3
ENG 111	First Year Lit	<u>3</u>	REL 101	Intro to Religion	<u>3</u>
		14			15

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
_____	Humanities Req	3	PSY 200	Intro to Psy	3
ENG 201	World Literature I or		ENG 202	World Lit II or	
ENG 212	Eth Amer Lit	3	ENG 297	Caribbean Liter	3
_____	For Lang Req I	3	_____	Nat Science Req	3
_____	Nat Science Req	3	_____	For Lang Req II	3
COM 103	Intro Pub Speak	3	_____	Gen Elective	3
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
HIS 200	History of the USA	3	ENG 301	Adv Comp	3
ENG 309	Ad Gram & Com	3	ENG 308	Afri Amer Lit or	
ENG 303	English Lit I	3	ENG 316	Afri Amer Wm Wrt	
_____	or				
_____	301 Inter Lang I	3	ENG 355	The Harlem Ren	3
_____	General Elective	3	_____	Int. For Lang I	3
		15	ENG 351	Contemp Poet	3
			Or		
			ENG 361	Contemp Fiction	
				or	
			ENG 340	Contemp Am Lit	3
			_____	Approved Elect	<u>3</u>
					15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 495	Senior Research Prj	3	_____	Approved Elect	3
ENG 443	Special Topics	3	ENG 403	Shakespeare	3
_____	General Elective	3	_____	General Elective	3
_____	General Elective	3	_____	General Elective	3
_____	General Elective	3	_____	General Elective	<u>3</u>
_____	General Elective	<u>3</u>			15
		15			

Approved Electives

ENG 304	British Lit II	3
ENG 315	Adolescent Lit	3
ENG 371	Contem Drama	3

ENG 383 Literary Criticism	3
ENG 400 Novel	3
ENG 401 Renaissance Lit	3
ENG 402 Romantic Lit	3
ENG 404 Victorian Lit	3
ENG 405 Creative Writing	3
ENG 442 Post-Colonial Lit	3
ENG 443 Special Topics	3
ENG 444 Mythology	3
ENG 455 Am Lit (1800-1865)	3
ENG 456 Am Lit (1865-1914)	3
ENG 457 Am Lit (1914-1945)	3
ENG 460 Applied Ling	3

Minor in English

Students wishing to minor in English must take six courses (18 credits):

- ENG 201 World Lit I
- ENG 212 Ethnic Am Lit (or)
- ENG 297 Caribbean Lit.
- ENG 308 African Am. Lit. (or)
- ENG 316 African Am. Women Writers (or)
- ENG 355 Harlem Renaissance
- ENG 351 Contemporary Poetry (or)
- ENG 361 Contemporary Fiction (or)
- ENG 340 Contemporary American Lit.
- ENG 455 American Lit. (1800-1865) (or)
- ENG 457 American Lit. (1914-1945)
- ENG 403 Shakespeare

Minor in Foreign Language

Minor in a Foreign Language provides for the study of French or Spanish with emphasis on the history and literature of the culture. The minor is planned by students and their academic advisor to include a minimum of 18 semester credit hours of 300- and 400-level courses.

Language Requirement Non-Native French or Spanish Speakers

Students must successfully complete a minimum of six (6) credit hours in sequence in the same foreign language. English majors are required to complete a minimum of twelve (12) credit hours in sequence in the same foreign language. The 201 and 202 courses in French and Spanish may NOT be taken through Credit by Examination. These courses may NOT

be taken simultaneously. The level of the first course a non-native speaker may take is determined by the last course completed in high school. For most students, one year in high school will normally be considered equal to one semester in University, as indicated in the table below.

Only junior high or no French or Spanish course take:

FRE 201 and 202 or SPA 201 and 202

French I or Spanish I

FRE 202 and 301 or SPA 202 and 301

French II or Spanish II

FRE 301 and 302 or SPA 301 and 302

French III or Spanish III

FRE 307 and 308 or SPA 307 and 308

French IV or Spanish IV

FRE 307 and 300 literature or SPA 307 and 300 literature

Native French or Spanish Speakers

Native French or Spanish speakers are also required to complete six (6) credit hours in sequence in a foreign language. If students wish to satisfy this requirement in a language they already speak, they may do so by taking courses in sequence as described in the table below. Enrollment in FRE 312 or 324 or SPA 312 or 324 is limited to students to have completed only two years or less of formal language instruction in their mother tongue at the high school level. These courses are NOT open to students who have completed over two years of secondary studies in their country of origin. If this describes your level in French or Spanish then enroll in courses in the order shown above.

Little or no formal course work take: FRE 312 and 324 or SPA 312 and 324

Ability to read and write in the language take: FRE 307 and 308 or SPA 307 and 308

Thorough knowledge of grammar take: Two 300 civilization or literature courses in the appropriate language.

*Bachelor of Arts in***RELIGION AND PHILOSOPHY**

This degree requires 126 hours for completion.

FRESHMAN YEARFirst Semester

ENG 101	College Writ I	3
MAT 101	College Math I	3
CSC 101	Intro to Comp	3
FMU 101	Ed and Life Sem	3
PED 110	Dim of Well	3
REL 101	Intro to Rel	<u>3</u>
		18

Second Semester

ENG 102	College Writ II	3
MAT 102	College Math II	3
REA 101	Critical Think/Read or	3
ENG 111	First Year Literature	
HIS ____	African American Hist	3
COM 103	Intro to Pub Speak	<u>3</u>
		15

SOPHOMORE YEARFirst Semester

HIS 101	World Civil I	3
REL 314	Sur of Baptist Doc	3
REL 206	Old Testa Survey	3
____	Nat Science Req	3
PSY 200	Intro to Psy	<u>3</u>
		15

Second Semester

____	Nat Science Req	3
REL 201	Intro to Philos	3
HIS 102	World Civil II	3
REL 207	New Testam Sur	3
REL 202	Philos of Religion	<u>3</u>
		15

JUNIOR YEARFirst Semester

REL 310	The Psalms	3
REL 402	8th & 7thCent Prop	3
REL 303	Greek I	3
REL 401	Christian Educ	3
MUS 308	Afr Amer Ch Mus	<u>3</u>
		15

Second Semester

REL 313	Life & Let of Paul	3
REL 353	Church Leader	3
REL 308	Greek II	3
REL 351	Pastoral Minist	3
REL 322	Intertestament Pd	<u>3</u>
		15

SENIOR YEARFirst Semester

REL 473	Sys Theology I	3
____	Humanities Req	3
REL 410	Homiletics	3
REL 463	Black Theology	3
REL 405	Internship I	3
REL 434	Life of Christ	<u>3</u>
		18

Second Semester

REL 474	Sys Theology II	3
REL 432	Christian Ethics	3
REL ____	Major Elective	3
REL 406	Internship II	3
REL 495	Senior Project	<u>3</u>
		15

DEPARTMENT OF SOCIAL SCIENCES

The Department of Social Sciences offers the following degree programs

- Bachelor of Science Psychology
- Bachelor of Arts in Sociology
- Bachelor of Social Work

Minors are offered in all social sciences degree-granting areas, as well as in African American Studies and History.

The mission of the Department of Social Sciences is to advance the intellectual, analytical, and communication skills of its students as it prepares them for the challenges of a diverse, global society. The Department further aims to nurture character that will enable students to function with proficiency and compassion within the human family. The Department is committed to providing quality instruction, advisement, and mentorship. The faculty encourages and supports student research by providing applied technological learning opportunities in research methods and statistics and assisting students in developing a defensible senior project.

To ensure student achievement, faculty members of the Department of Social Sciences utilize a variety of teaching and evaluation techniques, engage students in research activities, and promote experiential learning through internships and service learning.

Departmental Objectives

1. To nurture qualities which will enable students to function with proficiency and compassion within the human family
2. To empower students to function in a global society by allowing them opportunities to learn more about them selves and their society
3. To develop critical and analytical thinking and writing skills
4. To develop leadership skills
5. To prepare students for entry into graduate and professional school and
6. To prepare students for entry-level positions in government, business, and industry

Departmental Requirements for Graduation

1. Students must complete a minimum of 120 semester hours for graduation
2. Students must receive a grade of "C" or better in all major courses
3. Students must maintain a G.P.A. of 2.00 or better to graduate
4. Graduating seniors must complete an exit examination and senior project prior to graduation

Bachelor of Science in PSYCHOLOGY

The program in psychology aims to help students gain a better understanding of human behavior. Opportunities are provided for students to learn essential methods, concepts, principles, and theories of psychology. Students learn techniques, which can be used to improve self-esteem, motivation, and sensitivity. Psychology majors study the nature, causes and treatment of psychological disorders. Majors also study human emotions, sexuality, and psychological development.

Students majoring in psychology are prepared for positions in community mental health agencies and hospitals, as well as in research centers. Graduates are encouraged, however, to continue their study on the graduate level.

Graduation Requirements

This degree program requires at least 122 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	Coll Writing I	3	ENG 102	Coll Writing II	3
REA 101	Crit Think/Read or	3	CSC 101	Intro to Comp	3
ENG 111	First Year Literature		MAT 102	College Math II	3
MAT 101	College Math I	3	____	Social Science Req	3
HIS ____	Afr Amer Hist	3	REL 101	Intro. to Religion	3
FMU 101	Ed & Life Sem	3			15
PED 110	Dim of Wellness	2			
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
___	Humanities Req	3	SOC 200	Intro to Soc	3
___	Foreign Lang Req	3	___	Foreign Lang Req	3
___	Elective	3	___	Humanities Req	3
___	Nat Science Req	3	COM 103	Intro Pub Spk	3
PSY 200	Intro to Psy	3	___	Nat Science Req	3
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PSY 407	Psy of Afri Amer	3	PSY 302	Clinical Psy	3
___ ___	Approved Elect	3	PSY 306	Develop Psy	3

SSC 300	Research Methods	3	PSY 401	Advanced Stat	3
PSY 312	Intro to Statistics	3	— —	Approved Elect	3
PSY 308	Personality Theory	3	— —	Approved Elect	3
		15			15

SENIOR YEARFirst Semester

PSY 403	Psych of Learn	3
PSY 406	Social Psychology	3
PSY 408	Practicum I	3
— —	Approved Elective	3
— —	Approved Elective	3
		15

Second Semester

PSY 402	Clinical Interview	3
SOC 305	Group Dynamics	3
PSY 409	Practicum II	3
SSC 423	Senior Project	3
— —	Approved Elect	3
		15

Approved Electives

PSY 300	Foundations of Ind./Org. Psychology	3
PSY 301	Psychopathology	3
PSY 303	Experimental Psychology	3
PSY 310	Community Psychology	3
PSY 316	Psychology of Culture	3
PSY 405	Assessment and Evaluation	3
PSY 451	Minority Mental Health	3
PSY 453	Psychology and Law	3
PSY 454	Theory and Practice of College Mentoring	3
SOC 309	Sociology of Deviance	3
SOC 402	Racial & Cultural Group	3
SOC 403	Marriage & Family	3
SSC 321	Cooperative Education in Social Sciences	6

(Social Sciences course offerings, 300 level or higher, not required by this major)

*Bachelor of***SOCIAL WORK**

Students majoring in social work learn about the theoretical foundations, practice skills and ethical principles of generalist social work practice. Students study the causes of individual, family and community problems and strategies that have been found to be effective means of preventing and responding to these problems. Students graduating with a degree in social work are qualified to pursue graduate education in social work or

a related field, or seek employment with social services, child welfare, criminal justice, mental health, substance abuse, and domestic violence programs as well as in schools, nursing homes, hospitals, and other human services settings.

Mission of the Bachelor of Social Work

The mission of the Bachelor in Social Work Program is to prepare competent generalist social workers with practice knowledge, skills, and values to improve the quality of life for individuals, families, groups, communities, and organizations. Graduates of the program will have an understanding of the impact of political, economic, and social inequalities on the well-being of populations-at-risk and a commitment to assume leadership in working to empower at-risk individuals, families, and communities. The curriculum is designed to foster an appreciation of the traditions, values, and strengths of diverse cultures in the global community. The Bachelor in Social Work is committed to encouraging students to pursue advanced graduate level social work education and to pursue lifelong professional development.

Admission to the Bachelor in Social Work Program

The curriculum for the Bachelor in Social Work major is designed to be fulfilled in approximately two years after completion of the general education program for social work majors required by Florida Memorial University and completion of SOW 300, Introduction to Social Work. Although students may declare social work as a major upon admission to the University, students are not fully admitted into the program until they have submitted a formal application and have been formally accepted into the program. The applicant must demonstrate the characteristics or potential required for competent social work practice as defined in the mission statement of the program and the standards of the profession. The following are the minimum requirements for admission to the program:

1. Completion of a minimum of 45 credit hours with a minimum cumulative grade point average (GPA) of 2.5 on a 4.0 scale.
2. Satisfactory completion of SOW 300, Introduction to Social Work with a grade of "C" or higher.
3. Attainment of a minimum grade of "C" in all social work courses completed.
4. Satisfactory completion of the Social Work Major Application Form, accompanied by a personal essay, a resume as well as two reference letters from faculty with whom the student has completed at least one

course, with a completed copy of the Social Work Major Application Reference form attached to each reference letter.

5. Satisfactory completion of the Social Work Program Admissions Interview.

The Social Work Admissions Committee reviews applications, conducts an interview with each applicant, and subsequently determines acceptance into the major. Provisional status for admittance into the program may be granted for one academic semester to any student who has not met all the requirements for full admission. Provisional status will be granted at the discretion of the Social Work Admissions Committee.

Admission to Field Practicum

The culmination of the Bachelor in Social Work Program concludes with the Field Practicum. The practicum provides the vehicle for social work students to integrate theory and practice and apply this knowledge while demonstrating professional competencies. The field practicum is a year-long experience. The application for the field practicum must be completed by the announced deadline one semester prior to the scheduled beginning of the field practicum experience. The field practicum is completed during the senior year. Before applying for the field practicum, students must have successfully completed all required social work courses. Acceptance into the field practicum is granted after a student has attended the pre-practicum seminar, has completed the application for a field placement, and has been interviewed by the Coordinator of Field Education. Additionally, to qualify for acceptance into the field practicum, students must satisfy the following requirements:

1. Students must have senior standing
2. Students must have an overall cumulative GPA 2.5 or higher
3. Students must have completed the following courses with a minimum overall average of 2.5: SOW 301 Human Behavior and Dynamics, SOW 302 Human Behavior and the Social Environment, SOW 303 Research Methods, SOW 405 Social Policy, SOW 408 Social Work Writing Techniques, and SOW 409 Social Work Practice 1.
4. Students must have a grade of "C" in all social work courses

Social work majors must obtain a copy of the Field Practicum Manual from the Social Work Program's Coordinator of Field Education for further information about the field practicum.

Graduation Requirements

The student must complete all requirements for the social work major and submitted all appropriate materials for graduation with the Registrar. Specifically,

1. Students must complete a minimum of 120 semester hours.
2. Students must maintain a G.P.A. of 2.5 or better in social work courses.
3. Students must receive a minimum grade of "C" in each social work course.
4. Graduating seniors must complete an exit examination, 400 hours of the field practicum, and a senior project.

This degree program requires a minimum of 120 semester hours for completion. In order to complete the degree in four years, students must either take 15-16 credits a semester or attend at least one summer session.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
REA 101	Crit Think/Reader	3	PED 110	Dim of Well	2
ENG 111	First Year Literature		MAT 102	College Math II	3
MAT 101	College Math	3	HIS ____	Afr Amer Hist	3
CSC 101	Intro to Comp	3	REL 101	Intro to Religion	<u>3</u>
FMC 101	Ed & Life Sem	<u>3</u>			14
		15			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PSY 200	Intro to Psy	3	_____	Elective	3
SOC 200	Intro to Soc	3	_____	Humanities req	3
_____	Foreign Lang req I	3	_____	For Lang req II	3
BIO 101	Biological Sc	3	SOW 300	Intro Soc Work	3
COM 103	Intro Pub Spkg	<u>3</u>	_____	Nat Science req	<u>3</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
SOW 301	Hum Behav/Dyn	3	SOW 302	Hum Beh/Soc En	3
POL 301	US Government	3	SOW 303	Research Met	3
PSY 312	Intro to Statistics	3	SOW 408	S W Writing Tech	1
___ ___	Elective	3	SOW 409	Soc Work Prac I	3
___ ___	Elective	3	___ ___	Elective	<u>3</u>
___ ___	Elective	<u>3</u>			13
		18			

SENIOR YEARFirst Semester

SOW 410	Soc Work Pract II	3
SOW 411	Field Pract/Sem I	6
SOW 405	Social Policy	3
SOW 413	Senior Project SW	<u>3</u>
		15

Second Semester

SOW 412	Field Pract/Sem II	6
— —	Elective	3
— —	Elective	3
— —	Elective	<u>3</u>
		15

Bachelor of Arts in **SOCIOLOGY**

Students majoring in sociology learn concepts, methods, theories and perspectives important to the study of social relationships, social structures, social institutions, and society. This field study allows students to gain practical as well as theoretical insight into human interaction. Students majoring in sociology are concerned with the study of social life and the causes and consequences of human behavior. Sociology includes study of each aspect of the self in relationships with others and each aspect of the social world that affects a person's thoughts, actions and deeds.

Students majoring in sociology learn of the dynamics of group behavior, the power and potential of community groups, and the implication of marriage and the family. These students must also become familiar with the literature of social problems such as crime, violence, deviance, racism, and sexism.

Students graduating with a degree in sociology often find employment in social service agencies, law enforcement agencies, treatment centers, and rehabilitation facilities. Sociology majors are encouraged to consider further study at the graduate level.

Graduation Requirements

This degree program requires at least 122 semester hours for completion.

FRESHMAN YEARFirst Semester

ENG 101	College Writing I	3
REA 101	Crit Think/Read or	3
ENG 111	First Year Literature	
MAT 101	College Math I	3

Second Semester

ENG 102	College Writing II	3
CSC 101	Intro to Comp	3
MAT 102	College Math II	3
— —	Social Science Req	3

HIS ____	Afr Amer Hist	3	REL 101	Intro to Religion	<u>3</u>
FMU 101	Ed & Life Sem	3			12
PED 110	Dim of Well	<u>2</u>			
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
____	Humanities Req	3	SOC 200	Intro to Sociology	3
____	Foreign Lang Req	3	____	Foreign Lang Req	3
____	Elective	3	____	Elective	3
____	Nat Science Req	3	COM 103	Intro Pub Spk	3
PSY 200	Intro to Psy	<u>3</u>	____	Nat Science Req	<u>3</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
SOC 303	Social Problems	3	SSC 300	Research Methods	3
____	Sociology Elective	3	SOC 304	Social Psychology	3
____	Sociology Elective	3	SOC 308	Urban Soc	3
PSY 312	Intro to Statistics	3	____	Approved Elect	3
SOC 307	Comm Organ	<u>3</u>	PSY 401	Advanced Stat	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
SOC 306	Urban Soc Mov'nt	3	SOC 404	Sem Social Theory	3
SOC 403	Marriage & Fam	3	SOC 309	Soc of Deviance	3
SSC 421	Field Placement I	3	SSC 423	Senior Project	3
____	Approved Elective	3	SOC 402	Race/Cult Group	3
____	Approved Elective	<u>3</u>	____	Elective	<u>3</u>
		15			15

Approved Electives

SOC 400 Independent Study	3
SOC 405 Survey Research	3
PSY 407 Psychology of African Americans	3
SSC 321 Cooperative Edu in the Social Sciences	6
SSC 422 Field Placement II	6
SSC 424 Field Experience	3
SOC 431 Seminar in Drug Abuse	3
SOC 450 Sociology of Religion	3
(Social Sciences course offerings, 300 level or higher, not required by this major)	

Minor in African American Studies

An interdisciplinary program in African American Studies is available to students with a significant interest and commitment to serious academic study of African American history and culture. Upon entering the program, a student with a minor in African American Studies shall consult with the Chair of the Department of Social Sciences and plan his/her program of study. This student is required to complete 18 hours for the minor in African American Studies, including HIS 103 African American History I (3). HIS 104 African American History II (3). SOC 406 Contemporary Black America (3). ENG 208 African-American Literature (3) and two electives from the following options:

Required Courses

HIS 103 African American History I	3
HIS 104 African American History II	3
SOC 406 Contemporary Black America	3
ENG 208 African-American Literature	<u>3</u>
	12

Electives

In addition to the aforementioned core requirements, this minor requires students to choose a minimum of two (2) of the following courses:

HIS 335 Africa in the Modern World	3
HIS 350 History of the Caribbean	3
SOC 408 African Amer Women in Amer Society	3
POL 331 Politics of Black Americans	3
PSY 407 Psychology of African Americans	3
(Other courses as approved by advisor)	

Minor in History

A program of study in history serves as a sound foundation for students who seek careers in various branches of government work; in teaching, from the public schools to the university level; in regional and local history society work; in museum work; in park administration; in archives and records management; in religion; and in business and industry.

Students seeking a minor in history will complete a minimum of 18 credit hours of history including HIS 300, HIS 321, 324 and 3 credit hours of advanced courses in each of the following: U.S. History, African or Caribbean History, and Non-Western History. All courses are to be cho-

sen by the student in consultation with a departmental advisor and must be passed with a grade of "C" or higher.

Prospective minors should consult a departmental advisor as early as possible. Students are required to have a graduation interview with their advisors during the final semester of study.

Required Courses

HIS 101 World Civilization I	3
HIS 200 History of the United States	3
HIS 300 Historical Thought and Writing	3
HIS 430 Selected Topics in History	<u>3</u>
	12

Electives

In addition to the aforementioned core requirements, this minor requires students to choose a minimum of two (2) of the following courses:

HIS 102 World Civilization II	3
HIS 321 U.S. History to 1865	3
HIS 324 U. S. History Since 1865	3
HIS 335 Africa in the Modern World	3
HIS 350 History of the Caribbean	3
HIS 400 History of the Non-Western World	3
SOC 408 African American Women in American Society	3
HIS 410 History of Florida and the South	3
HIS 420 Independent Study	3

Minor in Psychology

A minor in psychology requires a minimum of 18 credit hours in 300 or higher level psychology courses. Courses toward a minor in psychology are taken above and beyond the course requirements for any major.

Minor in Social Welfare

A minor in social work which requires a minimum of 18 credit hours in social work and elective courses is designed for students interested in learning about the field of social work and the role of social workers. Students are introduced to the theoretical underpinnings of the social work field, the history of the profession, and the different settings in which social workers practice. Prospective minors should consult with the Coordinator of the Social Work Program as early as possible.

NOTE: Only students majoring in social work are eligible to take social work practice courses SOW 409. Social Work Practice I or SOW 410. Social Work Practice II.

Required Courses

SOW 300. Introduction to Social Work	3
SOW 301. Human Behavior and Dynamics	3
SOW 302. Human Behavior and the Social Environment	3
SOW 405. Social Policy	3

Electives

In addition to the aforementioned core requirements, this minor requires students to choose a minimum of two (2) elective. Students must select their elective course in consultation with a member of the social work faculty and their academic advisor. Appropriate electives include the following courses: SOC 402, Racial and Cultural Groups; SOC 403, Marriage and Family; and SOC 305, Group Dynamics; CRJ 200, Intro to Criminal Justice; PSY 301, Psychopathology; PSY 406 or SOC 304, Social Psychology; PSY 407, Psychology of the African American; SOC 303, Social Problems; SOC 309, Sociology of Deviance; SSC 200, Cultural Anthropology.

Minor in Sociology

A minor in sociology requires a minimum of 18 credit hours of 300 or higher level sociology courses. Courses toward a minor in sociology are taken above and beyond the course requirements for any major.

DEPARTMENT OF VISUAL & PERFORMING ARTS

The Department of Visual & Performing Arts educates students in the fields of Music, Art, Theatre and Dance. The Department offers the Bachelor of Music and the Bachelor of Arts in Music and in conjunction with the School of Education, the Bachelor of Science in Music Education. Minors in Visual Arts and Music are also offered.

Mission of the Department of Visual & Performing Arts

The mission of the Department of Visual and Performing Arts is to transform students into artistic leaders, scholars and entrepreneurs able to creatively use the arts as vehicles for social and economic empowerment for themselves and the global community. The Department embraces the University's mission to inculcate in students the importance of life-long

learning, character, and dedication to the free exchange of ideas and the Department strives to foster a culture of excellence and innovation.

Goals of the Department

1. To prepare students for careers in the visual and performing arts
2. To provide experiential learning opportunities for student growth
3. To prepare students for admission to graduate or professional schools
4. To create an active community of students and faculty ready to explore all areas of the visual and performing arts
5. To develop student involved initiatives to enhance the aesthetic and cultural life of the university family and the community at large

Bachelor Degrees in

MUSIC

The Bachelor of Music and the Bachelor of Arts degrees in Music are offered through the Department of Visual and Performing Arts. The Bachelor of Science degree is offered in Music Education in conjunction with the School of Education (see page 154, Bachelor of Science in Music Education). The Music area also offers a minor in Music.

The Bachelor of Music is the initial professional degree in Music. It is offered in Church Music and Jazz Studies. These programs are designed to place qualified individuals in the profession of music as performers or directors. The curriculum provides for the cultivation of requisite skills, the acquisition of professional knowledge, and the development of aesthetic appreciation with opportunities for research and internships with professional organizations and businesses which will prepare them for numerous employment opportunities and graduate studies.

The Bachelor of Arts degree is a liberal arts degree with a major in music. Students are exposed to a broad program of general education and are allowed to incorporate eighteen elective credits in an area of their choice. This allows students to prepare for graduate studies in or entry into areas such as Music Therapy, Music Business, Technology, and Law. Emphasis is placed upon development of musicianship, performing ability and overall student growth.

Music degree students are required to audition before the music faculty to demonstrate the extent of their music proficiency for placement and potential scholarships. Music scholarship students are required to participate in performances by their ensembles in order to maintain this financial assistance. Applicants entering with extensive musical training, knowledge, and experience will have the opportunity to test out of some of the first and second year music courses. Majors are required to be enrolled in applied instruction on a primary instrument or voice unless an exception is granted by the faculty. Additionally, each student must prepare at least one selection per semester for student recitals or forums. All music majors are required to pass the Piano Proficiency Examination. Students not majoring in keyboard may prepare for this examination by taking the necessary courses in class piano or by testing out at any time.

Students with an interest in Music Business or research may, in lieu of a senior recital, present a significant related project approved by the faculty. Majors must participate in at least one performing ensemble each semester of their enrollment. These ensembles serve as laboratories for the development of musical skills, knowledge and exposure to method, technique and principles of wellness. This requirement helps students become practiced in actual performance with the best literature in their ensemble medium. Students interested in teaching music should consult the curriculum for Music Education offered in conjunction with the School of Education or pursue certification by taking a minor in education. However, since some graduates might want to teach in addition to performing in their chosen profession, they are advised to complete the minimum courses in education that are required for certification.

Mission of the Music Program

The Music Program is designed to assist the University in its mission of dedication to the pursuit of knowledge and truth, free exchange of ideas and the preservation of the history and heritage of music of the African Diaspora. The Music Program accommodates the music needs of the community by preparing students to teach in the educational systems, direct music programs for churches, and other organizations, direct musical ensembles, conduct, arrange, and orchestrate music for bands, choirs, film, and television; perform all types of music; and enroll in graduate programs in music. The Program is also designed to provide students with opportunities to represent the University by participating in activities on campus, in the community, and for the state, national and international audiences.

Objectives of the Music Unit

1. To accommodate the music needs of the community
2. Prepare students to teach in the educational system
3. Prepare students to direct music programs for churches, and other organizations.
4. Prepare students to direct/conduct music ensembles
5. Prepare students to arrange, orchestrate and/or compose music for bands, orchestras, choirs, film and television
6. Prepare students to perform all styles of music
7. Prepare students to enroll in graduate programs in music
8. Give students performing opportunities on campus, in the community, and on the state national and international level
9. Provide students the opportunity to learn music skills
10. Allow the interaction of students from traditional and nontraditional backgrounds.

Music Unit Objectives

1. Have a general knowledge of music history.
2. Students will be able to identify style periods and possible composers (in writing and orally) of Western music from the Medieval through the beginning of the 21st Century.
3. Students will be able to identify historical trends and genre from the African tradition as well as significant styles of jazz, pop and religious music.
4. Students will be able to identify cultural and historical forces that shaped music and be able to communicate these ideas in oral and written form.
5. Have the ability to hear and recognize elements of melody, rhythm, harmony, structure and form
6. Have the ability to sight-sing/read
7. Have the ability to work with the latest music technologies and the ability to apply this knowledge in their field.
8. Have basic keyboard competency (By the end of Class Piano II)
9. Demonstrate ability in their major instrument or voice by successfully completing a final performance recital (with the exception of those pursuing the Music Education and the Bachelor of Arts in Music degrees)
10. Be able to pass a music exit exam with a grade of "B" or better before graduation. (Test to be given at the end of the Junior Year).

Bachelor of Music in CHURCH MUSIC

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion and is designed primarily for students desirous of becoming directors of music for churches or pursuing graduate studies.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3
FMC 101	Ed & Life Sem*	3	REA 101	Critical Think/Rd or	3
MUS 101	Struct Music I**	3	ENG 111	First Year Lit	
MUS ____	Applied Maj Inst	2	MUS 102	Struct of Mus II	3
MUS ____	Req Ensemble ****	1	MUS _	App Major Instr. ***	2
MUS 300	Music Sem/Rec	<u>0</u>	MUS ____	Req Ensemble	1
		15	MUS 300	Music Sem/Rec	<u>0</u>
					15

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
REL 101	Intro to Religion	3	MUS 311	Comp and Music	3
MUS 209	Hist of Music I	3	MUS 210	Hist of Music II	3
MUS 201	Struct of Music III	3	MUS 203	Struct Music IV	3
MUS 211	Sig Sing/Ear Tr I	2	MUS 211	Sig Sing/Ear II	2
MUS ____	App Major Instr.	2	MUS ____	Applied Maj Inst	2
MUS 103	Class Piano I	1	MUS 104	Class Piano II	1
MUS ____	Req Ensemble	1	MUS ____	Req Ensemble	1
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>0</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro Pub Speak	3	PSY 200	Intro to Psych	3
____	Hum Elect	3	MUS 312	Conducting	3
MUS 306	Spirit&Hyms	3	MUS 307	Spirit Line Hy	3
MUS 221	History III	3	MUS 453	Intro to Church	3
MUS ____	App Major Instr	2	MUS ____	App Maj Inst	2
MUS ____	Req Ensemble	1	MUS ____	Req Ensemble	1
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>0</u>
		15			15

SENIOR YEARFirst Semester

ENV 101	Intro to Env Science	3
MUS 301	Intro to Music Bus	3
MUS 302	Comp/Arran Vocal	3
REL 353	Church Leadership	3
MUS ____	Applied Major Instr	2
MUS ____	Required Ensemble	1
MUS 300	Music Sem/Recitals	0

15

Second Semester

____	Nat Science Req	3
MUS 492	Emotion & Mus	3
MUS 493/4	Major Ap Res	3
MUS ____	Appr Church Mus	3
MUS ____	App Major Instr.	2
MUS ____	Req Ensemble	1
MUS 487	App Music Rec	1

16

Students over 25 exempt** Must pass placement test or take MUS 106*

****Select from (a) VOCAL: MUS 131, 132, 231, 232 331,332, 431, & 432; (b) KEY-BOARD: MUS 131, 137, 233,234 333, 334, 433, & 434; (c) BRASSWIND: MUS 135, 136, 235, 236 335, 336, 435, & 436; (d) WOODWIND: MUS 145, 146, 245, 246,348, 350, 447, & 449; (e) STRINGS: MUS 155, 156, 255, 256,355, 356, 455, & 456; (f) PERCUSSION: MUS 165, 166, 265, 266 365, 366, 465, & 466; (g) STEEL: MUS 168,169, 268, 269, 368, 369, 468, & 469.*

*****Select from (a) CHOIR: MUS 141, 142, 241, 242, 341, 342, 441, & 442; (B)BAND/ORCHESTRA: MUS 131, 162, 261,262,361,362,461, & 462; (c) JAZZ ENSEMBLE: MUS 171, 173, 271, 273, 371, 372, 471, & 472; (d) POP ENSEMBLE: MUS 180, 182, 281, 282, 381, 382, 481, & 482; (e) STEEL ENSEMBLE: MUS 185, 186, 285, 286, 385, 386, 485, & 486; (f) MUSIC PRODUCTION WORKSHOP: MUS 196, 197, 296, 297, 396, 397, 496, & 497.*

******Mandatory for all Music majors**~Select from available courses with permission of advisor***Bachelor of Music in****JAZZ STUDIES***Graduation Requirements*

This degree program requires a minimum of 121 semester hours for completion and is designed primarily for students who wish to continue as professional jazz musicians or pursuing graduate studies.

FRESHMAN YEARFirst Semester

ENG 101	College Writing I	3
MAT 101	College Math I	3

Second Semester

ENG 102	Coll Writing II	3
MAT 102	College Math II	3

FMC 101	Ed & Life Seminar*	3	REA 101	Crit Think/Rd or	3
MUS 101	Struct of Music I**	3	ENG 111	First Year Lit	
MUS ____	App Major Instr. ***	2	MUS 102	Struct of Mus II	3
MUS ____	Req Ensemble ****	1	MUS ____	App Major Instr.	2
MUS 300	Music Sem/Rec	<u>0</u>	MUS ____	Req Ensemble	1
		15	MUS 300	Music Sem/Rec	<u>0</u>
					15

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
REL 101	Intro to Religion	3	MUS 311	Comp and Mus	3
MUS 209	Hist of Music I	3	MUS 210	Hist of Music II	3
MUS 201	Struct of Music III	3	MUS 203	Struct of Mus IV	3
MUS 211	Sig Sing/Ear Tr I	2	MUS 211	Sig Sg/Ear Tr II	2
MUS ____	App Major Instr	2	MUS ____	App Major Inst	2
MUS 103	Class Piano I	1	MUS 104	Class Piano II	1
MUS ____	Req Ensemble	1	MUS ____	Req Ensemble	1
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>0</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro Pub Speak	3	PSY 200	Intro to Psycho	3
____	Humanities Elect	3	MUS 312	Conducting	3
MUS 207	Jazz Imp & Ar I	3	MUS 208	Jazz Imp Ar II	3
MUS 221	Hist of Music III	3	MUS 364	History of Jazz	3
MUS ____	App Major Instr	2	MUS ____	App Maj Inst	2
MUS ____	Req Ensemble	1	MUS ____	Req Ensemble	1
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>0</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENV 101	Intro Envi Scie	3	____	Natural Science Req	3
MUS 301	Intro Music Bus	3	MUS 311	Big Band Arrang	3
MUS 315	Small EnsArrang	3	MUS 393/4	Maj App Res	3
MUS ____	Jazz Studies Elec	3	MUS ____	Appr Jazz Studies	3
MUS ____	App Major Instr.	2	MUS ____	Applied Maj Inst	2
MUS ____	Req Ensemble	1	MUS ____	Req Ensemble	1
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>1</u>
		15			16

*Students over 25 exempt

** Must pass placement test or take MUS 106

***Select from (a) VOCAL: MUS 131, 132, 231, 232 331,332, 431, & 432; (b) KEYBOARD: MUS 131, 137, 233,234 333, 334, 433, & 434; (c) BRASSWIND: MUS 135, 136, 235, 236 335, 336, 435,

& 436; (d) WOODWIND: MUS 145, 146, 245, 246,348, 350, 447, & 449; (e) STRINGS: MUS 155, 156, 255, 256,355, 356, 455, & 456; (f) PERCUSSION: MUS 165, 166, 265, 266 365, 366, 465, & 466; (g) STEEL: MUS 168,169, 268, 269, 368, 369, 468, & 469.
****Select from (a) CHOIR: MUS 141, 142, 241, 242, 341, 342, 441, & 442; (B)BAND/ORCHESTRA: MUS 131, 162, 261,262,361,362,461, & 462; (c) JAZZ ENSEMBLE: MUS 171, 173, 271, 273, 371, 372, 471, & 472; (d) POP ENSEMBLE: MUS 180, 182, 281, 282, 381, 382, 481, & 482; (e) STEEL ENSEMBLE: MUS 185, 186, 285, 286, 385, 386, 485, & 486; (f) MUSIC

Bachelor of Arts in
MUSIC

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion and is designed for students who wish to pursue graduate studies or careers in musical theater, music therapy, recording industry management, music business. Students take 18 elective credits in a minor area of their choice. Students should check with the respective departments on minor requirements in their chosen field of study.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3
FMC 101	Ed & Life Seminar*	3	REA 101	Crit Think/Rd or	3
MUS 101	Struct of Music I**	3	ENG 111	First Year Lit.	
MUS ____	App Major Instr. ***	2	MUS 102	Struct Mus II	3
MUS ____	Req Ensemble ****	1	MUS____	App Major Instr.	2
MUS 300	Music Sem/Rec	0	MUS____	Req Ensemble	1
		15	MUS 300	Music Sem/Rec	0
					15

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
REL 101	Intro to Religion	3	MUS 311	Comp & Music	3
MUS 209	History of Music I	3	MUS 210	Hist of Music II	3
MUS 201	Struct of Music III	3	MUS 203	Sturc of Mus IV	3
MUS 211	Sig Sing/Ear Tr I	2	MUS 211	Sig Sing/Ear Tr I	2
MUS ____	App Major Instr.	2	MUS ____	App Major Instr.	2

MUS 103	Class Piano I	1	MUS 104	Class Piano II	1
MUS ____	Required Ensemble	1	MUS ____	Req Ensemble	1
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>0</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro to Pub Speak	3	PSY 200	Intro to Psy	3
____	Humanities Req	3	MUS 312	Conducting	3
____	Foreign Lang Req I	3	____	Foreign Lang II	3
MUS 221	Hist of Music III	3	MUS 364	Hist of Pop Mus	3
MUS ____	App Major Instr.	2	____	Second Area Elect	3
MUS ____	Ensemble Elective	1	MUS ____	Ensemble Elective	1
MUS 300	Music Sem/Rec	0	MUS 300	Music Sem/Rec	0
		15			16

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENV 101	Intro to Env Scie	3	____	Nat Science Req	3
MUS 301	Intro Music Bus	3	____	Second Area Elect	3
____	Second Area Elective	3	MUS 393/4	Maj App Res	3
____	Second Area Elective	3	MUS ____	Appr Pop Mus	3
____	Second Area Elective	3	____	Second Area Elect	3
MUS 300	Music Sem/Rec	<u>0</u>	MUS 300	Music Sem/Rec	<u>0</u>
		15			15

*Students over 25 exempt

** Must pass placement test or take MUS 106

***Select from (a) VOCAL: MUS 131, 132, 231, 232 331,332, 431, & 432; (b) KEYBOARD: MUS 131, 137,

233,234 333, 334, 433, & 434; (c) BRASSWIND: MUS 135, 136, 235, 236 335, 336, 435, & 436; (d) WOODWIND:

MUS 145, 146, 245, 246,348, 350, 447, & 449; (e) STRINGS: MUS 155, 156, 255, 256,355, 356,

455, & 456; (f) PERCUSSION: MUS 165, 166, 265, 266 365, 366, 465, & 466; (g) STEEL: MUS 168,169,

268, 269, 368, 369, 468, & 469.

****Select from (a) CHOIR: MUS 141, 142, 241, 242, 341, 342, 441, & 442;

(B)BAND/ORCHESTRA:

MUS 131, 162, 261,262,361,362,461, & 462; (c) JAZZ ENSEMBLE: MUS 171, 173, 271, 273, 371, 372, 471,

& 472; (d) POP ENSEMBLE: MUS 180, 182, 281, 282, 381, 382, 481, & 482; (e) STEEL ENSEMBLE:

MUS 185, 186, 285, 286, 385, 386, 485, & 486; (f) MUSIC PRODUCTION WORKSHOP: MUS 196, 197,

296, 297, 396, 397, 496, & 497.

*****Mandatory for all Music majors

Minor in Music

The minor in music requires at least 18 credits from the following categories.

THEORY/COMPOSITION/ARRANGING (six credits)

MUS 101 Structures of Music I	3
MUS 102 Structures of Music II	3
MUS 201 Structures of Music III	3
MUS 203 Structures of Music IV	3
MUS 207 Jazz Improvisation & Arranging I	3
MUS 208 Jazz Improvisation & Arranging II	3
MUS 302 Composition & Arranging for Vocal	3
MUS 315 Small Ensemble Arranging	3
MUS 394 Jazz Improvisation & Arranging	3

HISTORY (three credits)

MUS 200 Music Appreciation	3
MUS 209 History of Music I - Western Music	3
MUS 210 History of Music II-African Diaspora	3
MUS 221 History of Music III-World Music	3
MUS 364 History of Jazz	3
MUS 370 History of Popular Music	3
MUS 444 Steel Pan Making & Tuning	3
MUS 453 Introduction to Church Music	3

CONDUCTING (three credits)

MUS 312 Conducting	3
--------------------	---

APPLIED PRINCIPAL (four credits)

ONE CREDIT: Select from (a) VOCAL : MUS 113; (b) KEYBOARD: MUS 113 (c) BRASSWIND: MUS 131, (d) WOODWIND: MUS 113; (e) STRINGS: MUS 113; (f) PERCUSSION: MUS 113; (g) STEEL: MUS 300

TWO CREDITS: Select from (a) VOCAL: MUS MUS 131, 132, 231, 232, 331,332, 431, & 432; (b) KEYBOARD: MUS 131, 137, 233,234 333, 334, 433, & 434; (c) BRASSWIND: MUS 135, 136, 235,236 335, 336, 435, & 436; (d) WOODWIND: 145, 146, 245, 246 348, 350, 447, & 449; (e) STRINGS: MUS 155, 156, 255, 256 355, 356, 455, & 456; (f) PERCUSSION: MUS 165, 166, 265, 266 365, 366, 465, & 466; (g) STEEL: MUS 168,169, 268, 269. 368, 369, 468, & 469.

ENSEMBLE (two credits)
Select from (a) CHOIR: MUS 141, 142, 241, 242, 341, 342, 441, & 442; (B)BAND/ORCHESTRA: MUS 131, 162, 261,262,361,362,461, & 462; (c) JAZZ ENSEMBLE: MUS 171, 173, 271, 273, 371, 372, 471, & 472; (d) POP ENSEMBLE: MUS 181, 182, 281, 282, 381, 382, 481, & 482; (e) STEEL ENSEMBLE: MUS 185, 186, 285, 286, 385, 386, 485, & 486; (f) MUSIC PRODUCTION WORKSHOP: MUS 196, 197, 296, 297, 396, 397, 496, & 497.

Elective Studies in Music

Students pursuing the Bachelor of Arts in Music degree may undertake elective studies in Music Business, Music Technology, Church Music, Jazz Studies, Vocal, or Instrumental Music. Students should check with their advisors for the suggested courses in each of these areas.

Elective Studies in Music Business

These courses serve as a foundation for careers in the Music Industry and or the pursuit of graduate studies. This area requires 18 credits in addition to MUB 301- Introduction to Music Business and MUB 311- Computers and Music.

CORE REQUIREMENTS (12 Credits)

ACC 211 Principles of Accounting	3	BUS 211 Principles of Management	3
ECO 201 Principles of Macroeconomics	3 or	ECO 202 Principles of Microeconomics	3
FIN 301 Business Finance	3		

ELECTIVES (6 Credits chosen from the following course)

MUB 331 Copyright & Publishing	3 or	BUS 311 Business Law	3
BUS 320 Business Statistics	3	MAR 301 Principles of Marketing	3
BUS 400 Entrepreneurship	3		

Minor Visual Arts

A Visual Arts minor provides for the study of art. The minor is planned by students and their academic advisors to include a minimum of 18 credit hours of art courses.

CORE REQUIREMENTS

6 credit hours of art history

ART 101 Art History 3

ART 104 Modern Art 3

15 credit hours of studio art

ART 121 Beginning Design 3

ART 131 Drawing I 3

ART 231 Painting I 3

ART 241 Printmaking I 3

ART 341 Sculpture 3

SUPPLEMENTAL COURSE OFFERINGS

18 credit hours of supplemental art courses

ART 103 African American Art 3

ART 221 Graphic Design I 3

ART 321 Commercial Art 3

ART 331 Mural Painting 3

ART 421 Illustration 3

School of **AVIATION, SAFETY & SECURITY**

Mission Statement

The School of Aviation, Safety, and Security was established in part as a result of a grant received from the Federal Aviation Administration (FAA) in 1985 and became the first Airway Science program at a Historically Black College or University (HBCU).

The School offers rigorous programs designed to educate the future administrative and technical managers of the aerospace industry. The curriculum stresses hard science and mathematics, human factors, human resources management, written and oral communications, computer literacy, and aeronautics. In addition, Aviation programs incorporate problem recognition and solving, critical thinking, and decision-making to bridge the gap between theory and practice. Individuals with an Aviation education will have a broad perspective about the aerospace industry, the environments in which it operates, and its impact on global transportation and economics.

The School of Aviation, Safety and Security serves as the focal point of technological education at Florida Memorial University and is guided by an advisory board made up of industry and government professionals. Academic and flight instruction is supported by student-centered simulation and learning centers.

School Objectives

1. To educate, train, and otherwise prepare students for technical, administrative, supervisory, and management positions in the aerospace industry
2. To orient students to the technical nature of the aerospace industry and the interfaces that exist between and among technology, human, and other resources
3. To prepare students to function in diverse areas of computer design, operation, programming, maintenance, and trouble shooting and to assume supervisory and management positions for information and data processing systems within the aerospace industry

Departmental Requirements

1. Complete all general education requirements
2. Complete all major courses with a minimum grade of "C"
3. Complete all course requirements and credit hours specified by the degree program

Bachelor of Science in

AERONAUTICAL SCIENCE

Concentration in Flight Education

The concentration in Flight Education is the Professional Pilot Program. Students completing this degree will have earned the appropriate Federal Aviation Administration (FAA) certificates necessary to seek employment as entry-level commercial pilots or to provide primary ground and flight instruction. This program requires a minimum of 127 semester hours for completion, of which 32 credit hours are for ground school and flight training. The objectives of the Aviation Flight Education area of concentration are to educate students in the discipline of commercial flight, to prepare students for FAA written, oral, and flight examinations, and to provide students with the affective, cognitive, psychomotor, and perceptual skills required for safe flight.

IMPORTANT NOTE:

THERE ARE SIGNIFICANT COSTS ASSOCIATED WITH FLIGHT TRAINING. Prior to selecting the Aviation Flight Education concentration, interested students MUST meet with the academic/flight advisor of the School. The advisor will brief the prospective flight student on pilot eligibility requirements as specified by Federal Aviation Regulations. Also, the advisor will discuss cost considerations for flight training. These concerns must be well understood by both the student and parents of the student prior to enrollment in this concentration of study.

Graduation Requirements

This concentration requires a minimum of 127 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3
AWS 200	Aviation History	3	AVT 202	Priv Pilot Flight	2

AWS 201	Intro to Aero	3	AVT 203	Navig & Perform	3
FMC 101	Ed & Life Sem	3	PED 110	Dim of Well	2
		<u>15</u>	CSC 101	Intro to Comp	<u>3</u>
					16

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 111	College Algebra	3	AVT 303	Com Ground	3
HIS 103	African Am Hist I	3	AVT 304	Commercial Flight	2
BIO 130	Prin of Biology	3	_____	Humanities Req	3
BIO 131	Prin of Biology Lab	1	REL 101	Intro to Religion	3
AVT 302	Instrument Flight	2	PSY 200	Intro to Psychology	3
AVT 301	Instru Ground	<u>3</u>	_____	Foreign Lang Req	<u>3</u>
		15			17

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PHY 200	Coll Physics I	3	CSC 205	Intro to Program	3
PHY 201	Coll Physics I Lab	1	PHY 202	Coll Physics II	3
AVT 411	Instructor Flight	2	PHY 203	Coll Phy II Lab	1
_____	Humanities Req	3	AVT 412	Cert Flt Inst	2
AVT 401	Prin of Flight Inst I	3	AWS 430	Flight Physio	3
AWS 270	Aircraft Engines	3	_____	Social Science Req	3
_____	Foreign Lang Req	<u>3</u>	AWS 415	Aviation Sem	<u>3</u>
		18			18

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
AVT 305	Multi-Eng Rat Flt	2	CSC _____	Comp Elective	3
AWS 450	Thesis in Aviation	3	AVT 413	Cert Flt Inst Mult	2
AWS 418	Cockpit Res Mgmt	3	AWS 420	Flight Safety	3
AWS 310	Aviation Law	3	AWS 440	Mgmt Dec Mak	3
AVT 405	Multi Engine Sys	<u>3</u>	AWS _____	Aviation Elect	<u>3</u>
		14			14

Bachelor of Science in **AIRWAY SCIENCE**

Concentration in Airway Science Management

A degree in Airway Science Management prepares students for administrative, supervisory, and management positions in the aviation industry. The program is oriented to the business nature and to the human resource needs of the aviation industry. Graduates' career options include posi-

tions in airport management, general aviation operations, air carrier management, and various government agencies.

Graduation Requirements

This concentration requires a minimum of 127 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
AWS 200	Aviation History	3	CSC 101	Intro to Comp	3
FMC 101	Ed & Life Sem	3	AWS 201	Intro to Aero	3
MAT 111	College Algebra	3	MAT 112	Pre-Calculus	3
REA 101	Crit Think/Read or	3	HIS 103	Afri Amer Hist I	3
ENG 111	First Year Lit				<u>15</u>
PED 110	Dim of Wellness	<u>2</u>			
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
— —	Humanities Req	3	BUS 211	Prin of Mgmt	3
PSY 200	Intro to Psy	3	COM 103	Intro Pub Spk	3
MAT 200	Applied Cal	3	AWS 320	Air Transport	3
PHY 200	College Physics I	3	PHY 202	College PhysII	3
PHY 201	Coll Physics Lab	1	PHY 203	Coll Phys Lab	1
AWS 232	Air Traffic Control	<u>3</u>	REL 101	Intro to Rel	<u>3</u>
		16			16

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BUS 345	Bus Comm & Tech	3	AWS 310	Aviation Legis	3
BUS 320	Business Stat I or		BUS 350	Human Res Mgmt	3
PSY 312	Intro to Statistics	3	PAD 306	Admin Behavior	3
BUS 344	Bus Org & Mgmt	3	POL 301	U.S. Govt	3
— —	Humanities Req.	3	— —	Foreign Lang Req.	<u>3</u>
— —	Foreign Lang Req	<u>3</u>			15
		15			

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
AWS 420	Flight Safety	3	AWS 395	Airport Mgmt	3
SOC 304	Social Psy	3	AWS 351	Avia Labor Rel	3
AWS 390	Airline Mgmt	3	AWS —	Aviation Elect	3
BUS 480	Managerial Psy	3	SOC 305	Group Dynam	3
AWS 440	Mgmt Dec Mkg	<u>3</u>	AWS 450	Thesis Avia Stu	<u>3</u>
		15			15

Bachelor of Science in
COMPUTER SCIENCE
Concentration in Aviation Applications

The Computer Science with Concentration in Aviation Applications degree is designed to prepare students to work in diverse areas of computer design, operation, programming, maintenance, and troubleshooting in the aerospace industry.

Career options for these graduates are continually expanding as flight and navigation functions and communication and information processing systems become increasingly computerized and automated. After practical work experience, the graduate may assume supervisory and management positions.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
COM 103	Intro to Pub Spk	3	REL 101	Intro to Religion	3
FMC 101	Ed & Life Seminar	3	CSC 232	Prin of Program	3
CSC 101	Intro to Computer	3	MAT 112	Pre-Calculus	3
MAT 111	College Algebra	<u>3</u>	PED 110	Dim of Well	2
		15	REA 101	Crit Think/Read or	<u>3</u>
			ENG 111	First Year Lit	17

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PHY 200	College Physics I	3	PHY 202	Coll Phys II	3
PHY 201	Col Physics I Lab	1	PHY 203	Coll Phy II Lab	1
MAT 113	College Trig	3	___ __	Soc Science Req	3
HIS ___	Afri Amer Hist	3	___ __	Hist/Gov't Req	3
___ __	Foreign Lang	3	___ __	Foreign Lang	3
MAT 210	Discrete Math	<u>3</u>	___ __	Humanities Req	<u>3</u>
		16			16

JUNIOR YEAR

<u>First Semester</u>		<u>Second Semester</u>		
MAT 205	Statistics	3	CSC 475 Advanced Prog	3

CSC 250	Visual Basic	3	MAT 202	Calculus II	3
MAT 201	Calculus I	3	PAD 306	Admin Behav	3
AWS 201	Intro to Aeronautics	3	CSC 335	Data Struct	3
BUS 211	Prin of Mgmt	<u>3</u>	CSC 473	C++ Program	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
AWS 310	Aviation Legis I	3	CSC 495	Soft Prog Dev	3
AWS 42	Flight Safety	3	AWS ____	Mgmt Elect	3
CSC 333	Sys Anal & Design	3	CSC 341	Comp Organ	3
CSC 405	Program Lang	3	CSC 460	Senior Project	<u>3</u>
CSC 485	Simu & Mgmt App I	3			12
____	Computer Elective	<u>3</u>			
		18			

Recommended Electives

Management

AWS 440	Management Decision Making	3
BUS 344	Business Organization and Mgmt	3
BUS 311	Business Law I	3
BUS 312	Business Law II	3
BUS 334	Entrepreneurship	3

Aviation

AWS 210	Basic Aerodynamics	3
AWS 232	Air Traffic Control	3
AWS 250	Physical Geography	3
AWS 270	Aircraft Engines	3
AWS 301	Principles of Transportation	3
AWS 305	VFR Tower Operations	3
AWS 315	ATC Radar Procedures	3
AWS 320	Air Transportation	3
AWS 340	Passenger Traffic Management	3
AWS 380	Urban Transportation	3
AWS 390	Airline Management	3
AWS 395	Airport Management	3
AWS 401	National Airspace System	3
AWS 425	Aircraft Accident Investigation	3
AWS 430	Flight Physiology	3
AWS 498	Cooperative Ed in Aviation I	3
AWS 499	Cooperative Ed in Aviation II	3

Other

MAT 112 Pre-Calculus	4
MAT 113 Trigonometry	3
PAD 306 Administrative Behavior	3
PSY 403 Psychology of Learning	3
PSY 406 Social Psychology	3
SOC 305 Group Dynamics	3

School of **BUSINESS**

Florida Memorial University, through its School of Business, is accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees:

- The Bachelor of Science in Accounting
- The Bachelor of Science in Business Administration
- The Bachelor of Science in Finance
- The Bachelor of Science in Human Resource Management
- The Bachelor of Science in Marketing

Students can also participate in a Dual Hospitality Management program with Florida International University.

The objective of the Florida Memorial University/Florida International University (FIU) Hospitality Management Program is to provide students the opportunity to obtain the Bachelor of Science Degree in Business Administration from Florida Memorial and the Bachelor of Science or the Master of Science Degree in Hospitality Management from FIU.

Minors are also offered in Accounting, Business Administration, Economics, Finance, Human Resource Management and Marketing. Eighteen additional credit hours with a grade of "C" or better are required beyond core courses for a minor. Students should consult with the Dean as soon as the decision to pursue a minor has been made. An agreement about specific courses to satisfy the minor requirements must be made during the application process. Students selecting a minor must adhere to the same entrance requirements as they would for a major. Students selecting a major or minor in the area need to have a strong background in mathematics.

The School offers opportunities to students to enhance their studies through professional experiences.

School Mission Statement

The core of the Florida Memorial University Institutional Statement of Purpose (mission) is to prepare students to function effectively in a highly competitive technological global society, and to inculcate in students

the importance of life-long learning and a commitment to leadership through service in the enhancement of their lives and the lives of others.

The essential aspects of the University's Institutional Statement of Purpose drive the mission of the School of Business that is formulated for each degree-granting program.

Objectives of the School

1. To develop an awareness and understanding of the role of business and economics in our society.
2. To assist students in acquiring the ability to use business and economic analysis as a major tool in teaching the independent, well considered judgments on important public issues.
3. To provide specialized training for students who wish to pursue careers as managers and owners of business enterprises.
4. To provide a fundamental background in the areas of business and economics theories for students who wish to pursue advanced study and to council students in the planning for graduate studies.
5. To serve as an agency for the promotion of research and dissemination of knowledge for the advancement of techniques in the conduct of business affairs.
6. To focus on programs for minority groups which inspire greater entrepreneurial activities and contribution to the business and economic life of the community, state, and nation.
7. To continually re-examine the curriculum to see if it conforms to current needs of business and industry.
8. To enhance students' critical thinking and effective communication capabilities.
9. To provide students with the opportunity for cooperative education, internship experience, and professional development.
10. To analyze components of international business, to include international trade and investment, foreign exchange, financial markets, and political and cultural interactions between multinational organizations and host countries.

Graduation Requirements

1. Complete a minimum of 122 semester hours with a minimum cumulative G.P.A. of at least 2.00.
2. Meet all Florida Memorial University course requirements in the area of specialization.
3. Receive grade of "C" or better in all School of Business Administration courses.

4. Successfully complete of BUS 498 Senior Project in Business, or other designated Senior Project courses.

DUAL-HOSPITALITY MANAGEMENT PROGRAM

This program establishes a cooperative Hospitality Management agreement between Florida Memorial University and Florida International University. The resources of each institution are utilized to form a Dual Degree program of study to increase the number of hospitality industry professionals. The Dual-Hospitality Management degrees will be awarded only upon the successful fulfillment and completion of prescribed admission and course requirements at both institutions.

Program Objectives

The objectives of the FM/FIU Hospitality program are:

1. To provide students with the best of two college worlds.
2. To provide avenues of study in hospitality management.
3. To provide opportunity for graduate school.
4. To increase the participation of minorities in the hospitality industry.

Program of Study

The objective of the FM/FIU Hospitality Management Program is to provide students the opportunity to obtain within approximately four to six years, the Bachelor of Science Degree in Business Administration from Florida Memorial University and the Bachelor or Master of Science Degree in Hospitality Management from FIU.

Dual Degree students will be required to complete a three-year study program for a minimum of 98 semester hours at Florida Memorial University. Contingent upon satisfactory completion of Florida Memorial University requirements, students will be admitted as a full-time Hospitality Management student at FIU with completed junior standing and accepted as a senior. Upon admission to FIU, students are given three options from which to choose. These options are:

Option One: Students will complete a one-year/24 credit hours program at FIU. Upon successful completion of the first 24 semester hours at FIU, students will receive a Bachelor of Science degree in Business Administration from Florida Memorial University. After completion of Option One, students may select Option Two or Three.

Option Two: Upon successful completion of the FIU Bachelor's degree program requirements, students will receive a Bachelor of Science degree in Hospitality Management. All general education requirements must be met, the CLAST exam must be passed and the minimum hospitality-related work hours must be documented in order to receive the FIU Bachelor's degree. (Upon successful completion of the first 24 semesters at FIU, students will receive a Bachelor of Science degree in Business Administration from Florida Memorial University).

Option Three: Upon successful completion of the Bachelor of Science degree in Business Administration from Florida Memorial University, students are eligible to apply for admission to the graduate program in the FIU School of Hospitality Management. To be admitted, students must have maintained a "B" average in all upper-level work and attained a minimum GRE score of 1000 (verbal + quantitative sections only) or a GMAT score of 500. Upon successful completion of the master's degree program requirements, students will receive the Master of Science degree in Hospitality Management or Master of Science degree in Tourism Studies, depending on which program they choose. (Students choosing the Tourism Studies degree will have additional prerequisite courses to complete).

Transfer

Florida Memorial University students transferring to FIU must complete the State University System application for admission. In addition, official transcripts from Florida Memorial University and any other institutions attended must be submitted.

International students must provide appropriate financial documents in order to receive the Certificate of Student Visa Eligibility (I-20 Form). Students should contact the Office of Admissions at FIU regarding the amount of money which must be documented.

Requirements

Admission Requirements to the Florida Memorial/FIU Dual Degree Program:

1. Must have Florida Memorial University approval.
2. Must be in good standing at Florida Memorial University.
3. Must meet Florida Memorial School of Business requirements for admission to the upper-level.
4. Must have expressed a desire to major in hospitality management.

Transfer Requirements from the FM/FIU Dual Degree Program to FIU:

1. Must have a cumulative GPA of no less than 2.5
2. Must have completed a minimum of 101 transferable semester hours
3. The following course credits must be included in the 98 semester hours accumulated at Florida Memorial University. These course credits represent the new CORE Curriculum FIU will adopt beginning Fall 2003. The following FIU courses have been currently approved for the CORE.

<u>Course</u>	<u>Semester Credit</u>	<u>Florida Memorial University</u>
English Composition*	6	ENG 101; ENG 102
Humanities or Literature and	3	REL 101 + ENG 309
History w/ Writing	3	HIS 200
Foreign Language **	6-10	LANGUAGE I, II or **
Social Science	6	ECO 201 or 202 SSC 101 or 102
Life Science	3	BIO 101
Physical Science	3	PSC 101
Math * (College Algebra or Higher)	3	MAT 102
Statistics (or Higher Level of Math)		3 BUS 320
Art	3	MUS 200

* Grade of "C" or better is required.

** Two years of same language in high school or two semesters in college will satisfy the FIU foreign language requirement.

Financial Aid

Students who need financial aid while in the program at Florida Memorial University must apply to the designated official at Florida Memorial University. Students seeking financial aid at FIU must apply through FIU's Financial Aid Office. Priority Deadline to Apply is March 1st.

FIU agrees to provide four Scholarships or Non-Resident Tuition Waivers for African-American Florida Memorial University students who are admitted to the Hospitality Management program. Scholarship recipients must be a U.S. citizen or U.S. resident. Non-resident Tuition Waivers are available for Non-Florida residents and foreign students. The Scholarships and Tuition Waivers are competitive and amount to \$1500 per student annually.

Bachelor of Science in
ACCOUNTING

Mission of the Accounting Program

The mission of the Accounting program is to prepare students for professional careers in public accounting, private industry accounting, and governmental accounting. The program also prepares students for graduate schools and programs.

Program Objectives

1. To help students achieve a level of accounting knowledge and critical thinking skills appropriate for accounting professionals.
2. To help students achieve a minimum level of effective communication skills appropriate for accounting professionals.
3. To assist students in acquiring the ability to use technology in making professional business decisions and presentations.
4. To provide qualified accounting graduates to the public, private, and governmental sectors.
5. To provide a fundamental background in the area of accounting theories for students who wish to pursue advanced study and to council students in the planning for graduate studies.
6. To promote research and dissemination of knowledge of developments in the accounting profession (e.g., Wall Street Journal articles regarding FASB, SEC, or AICPA developments).
7. To encourage student interaction with the accounting profession.
8. To analyze the financial accounting and reporting issues faced by multinational companies and the financial reporting principles and practices in countries other than the U.S.

Graduation Requirements

This degree program requires at least 122 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101	College Writing I 3	ENG 102	College Writing II 3
MAT 101	College Math I 3	MAT 102	College Math II 3
____	Natural Science Req 3	____	Natural Science Req 3
FMC 101	Ed & Life Seminar 3	COM 103	Intro to Public Speaking 3
REA 101	Critical Thinking & Read or 3	HIS ____	African American History I or II 3
ENG 111	First Year Literature	REL 101	Intro to Religion 3

PED 110	Dimension of Wellness	<u>2</u>	18
		17	

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ACC 211	Principles of Accounting I	3	ACC 212	Principles of Accounting II	3
_____ 201	Foreign Lang Req	3	ECO 202	Principles of Microeconomics	3
ECO 201	Principles of Macro	3	_____ 202	Foreign Lang Req	3
CSC 101	Intro to Computers	3	BUS 215	Quantitative Methods for Business	3
____	Social Science Req.	<u>3</u>	BUS 211	Principles of Management	3
		15	____	Humanities Req	<u>3</u>
					18

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ACC 311	Intermediate Accounting I	3	ACC 312	Intermediate Accounting II	3
BUS 320	Business Statistics I	3	BUS 321	Business Statistics II	3
BUS 311	Business Law I	3	BUS 312	Business Law II	3
MAR 301	Principles of Marketing	3	BUS 394	Business Ethics & Society	3
FIN 301	Principles of Finance	<u>3</u>	— —	History/Gov Req.	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ACC 411	Advanced Accounting	3	ACC 452	Cost Accounting	3
ACC 434	Federal Income Tax I	3	— —	Approved Accounting Elective	3
BUS 450	Business Internship & Seminar	3	ACC 454	Computer Accounting (Senior Project)	3
ACC 431	Auditing I	<u>3</u>	BUS 420	Operations Research	<u>3</u>
		12			12

***Approved Electives are:**

ACC 432 Auditing II	3
ACC 435 Fed Income Tax II	3
ACC 455 International Accounting	3
ACC 461 Governmental and Nonprofit Accounting	3
ACC 487 Seminar in Accounting	3

Bachelor of Science in
BUSINESS ADMINISTRATION

Mission of the Business Administration Program

The mission of the Business Administration program emphasizes management studies. It is designed to direct students toward an integrated approach to modern management, theory and practice, the changing nature of management, management in a changing global environment, and creative problem solving. The approved electives provide career options in Financial and Human Resource Management and International Business.

Program Objectives

1. To explain the relationship between human resources management and other functions within the organization.
2. To analyze the different sub-functions that are critical to the success of any organization.
3. To describe the strategic importance of human resources in today's global economy.
4. To explain the steps needed to create and launch a new business.
5. To integrate theory and practical business experiences needed to enhance the chances for success of a new business.
6. To analyze the components needed to strategically align an organization with its environment.
7. To explain the relationships of the functional areas within a business.
8. To analyze models of rational decision-making used in an organization.
9. To apply management concepts to organizations operating in an international arena.
10. To analyze components of international business, to include international trade and investment, foreign exchange, financial markets, and political and cultural interactions between multinational organizations and host countries.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3
___	Natural Science Req	3	___	Natural Science Req	3
FMC 101	Ed & Life Seminar	3	COM 103	Intro to Public Speak	3
REA 101	Critical Thinking	3	HIS ___	African American	
	& Read or			History I or II	3
ENG 111	First Year Literature		REL 101	Intro to Religion	<u>3</u>

PED 110	Dimension of Wellness	<u>2</u>	18
		17	

SOPHOMORE YEAR

<u>First Semester</u>		<u>Second Semester</u>	
ACC 211	Principles of Accounting I	ACC 212	Principles of Accounting II
_____ 201	Foreign Lang Req	_____ 202	Foreign Lang Req
ECO 201	Principles of Macro	ECO 202	Principles of Microeconomics
CSC 101	Intro to Computers	BUS 215	Quant Methods for Business
_____	Social Science Req.	BUS 211	Principles of Management
		_____	Humanities Req
			<u>3</u>
			18

JUNIOR YEAR

<u>First Semester</u>		<u>Second Semester</u>	
BUS 320	Business Statistics I	BUS 321	Business Statistics II
BUS 311	Business Law I	HRM 350	Human Resource Management
MAR 301	Principles of Marketing	BUS 394	Business Ethics & Society
ECO 371	Money & Capital	ACC 352	Managerial Accounting Markets
_____	History/Gov Req.		<u>3</u>
FIN 301	Principles of Finance		12
			18

SENIOR YEAR

<u>First Semester</u>		<u>Second Semester</u>	
BUS 450	Business Internship & Sem	BUS 420	Operations Research
BUS 403	Strategic Management	_____	Approved Business Elective
BUS 404	International Business	BUS 361	Leadership Applications
_____	Approved Business Elect	BUS 498	Senior Project in Business
			<u>3</u>
			12

Approved electives are (ACC, BUS, ECO, MAR, CSC1):

ACC_____	Accounting Elective	3
BUS 210	Applied Mathematics in Business	3
BUS 240	Intro to Hospitality Management	3
BUS 310	Business Mathematics	3

BUS 312 Business Law II	3
BUS 344 Business Organization & Management	3
BUS 345 Business Comm & Tech Writing	3
BUS 353 Principles of Insurance	3
BUS 355 Principles of Real Estate	3
BUS 400 Entrepreneurship	3
BUS 480 Managerial Psychology	3
BUS 487 Seminar in Management	3
FIN 323 Corporate Finance	3
FIN 333 Investment	3
FIN 350 Principles of Financial Planning	3
FIN 493 Portfolio Analysis & Management	3
FIN 495 Futures & Options Markets	3
FIN 496 Financial Statement Analysis	3
FIN 497 International Money & Finance	3
FIN ____ Finance Elective	3
ECO 302 Intermediate Microeconomics	3
ECO 310 History of Economic Thought	3
ECO 420 International Economics & Trade	3
ECO 475 Economics of Development	3
HRM ____ Human Resource Management Elective	3
MAR 361 Retail Marketing	3
MAR 362\ Personal Selling	3
MAR 363 Direct Marketing Management	3
MAR 395 Consumer Behavior	3
MAR 460 Advertising	3
MAR 461 Marketing Channels	3
MAR 462 International Marketing	3
MAR 463 Survey of E- Commerce	3
MAR 490 Service Marketing	3
MAR 495 Marketing Research	3
MAR 487 Seminar in Marketing	3
CSC ____ Computer Elective (beyond CSC 101)	3

*Electives could be recommended and approved by the advisor.

Bachelor of Science in

FINANCE

Mission of the Finance Program

The mission of the Finance program is to provide students with knowledge of the major concepts and practices of financial management, while at the same time helping to develop their analytical, decision-making, and communication abilities. The Finance program will also provide students with learning opportunities, both inside and outside of the classroom setting, that reflect the current state of knowledge and practice within the field; and the program will prepare students for careers in business and/or postgraduate work by educating them in the fundamental principles and practical applications of modern financial analysis.

Program Objectives

1. To provide an understanding of the theoretical foundations of finance.
2. To produce students who are able to communicate effectively in oral presentations and in writing.
3. To train students to apply quantitative skills to business problems.
4. To ensure basic computer proficiency in the use of the World Wide Web (Internet), word processing, Spreadsheets, and data bases.
5. To expose students to the political, legal, global, and ethical considerations that effect economic environments and business decision-making.
6. To ensure an understanding of the basic concepts and principles of management and organizational behavior.
7. To integrate skills and concepts from the common body of knowledge, bringing them to bear upon the critical analysis of business/economic issues and problems.
8. To prepare students to be able to conduct descriptive research pertinent to financial and business issues and problems.
9. To help students to develop an appreciation for the critical importance of lifelong learning to the financial processes.

This degree program requires at least 122 semester hours for completion.

FRESHMAN YEAR

First Semester

ENG 101	College Writing I	3
MAT 101	College Math I	3
_____	Natural Science Req	3
FMC 101	Ed & Life Seminar	3

Second Semester

ENG 102	College Writing II	3
MAT 102	College Math II	3
_____	Natural Science Req	3
COM 103	Intro to Public Speak	3

REA 101	Critical Thinking and Reading or	3	HIS ____	African American Hist I or II	3
ENG 111	First Year Literature		REL 101	Intro to Religion	<u>3</u>
PED 110	Dimension of Wellness	<u>2</u>			18
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ACC 211	Principles of Accounting I	3	ACC 212	Principles of Accounting II	3
____ 201	Foreign Lang Req	3	____ 202	Foreign Lang Req	3
ECO 201	Principles of Macroeconomics	3	ECO 202	Principles of Microeconomics	3
CSC 101	Intro to Computers	3	BUS 211	Principles of Management	3
____ ____	Social Science Req	<u>3</u>	BUS 215	Quant. Methods for Business	3
		15	____ ____	Humanities Req	<u>3</u>
					18

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BUS 320	Business Statistics I	3	BUS 321	Business Statistics II	3
BUS 311	Business Law I	3	FIN 323	Corporate Finance	3
MAR 301	Principles of Marketing	3	BUS 394	Business Ethics & Society	3
-----	History/Govt. Req	3	FIN 333	Investments	<u>3</u>
FIN 301	Principles of Finance	<u>3</u>			12
		15			

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ECO 371	Money & Capital Market	3	BUS 404	International Business	3
BUS 403	Strategic Management	3	BUS 498	Senior Project in Business	3
BUS 450	Business Internship/Seminar	3	BUS 420	Operations Research	3
FIN 495	Futures & Options Market	3	____ ____	Approved Finance Elective*	<u>3</u>
-----	Approved Finance Elective*	<u>3</u>			12
		15			

Approved electives are:

	<u>Credits</u>
ACC 311 Intermediate Accounting I	3
ACC 312 Intermediate Accounting II	3
ACC 352 Managerial Accounting	3
ACC 434 Federal Income Tax I	3
BUS 353 Principles of Insurance	3
BUS 355 Principles of Real Estate	3

FIN 350	Principles of Financial Planning	3
FIN 493	Portfolio Analysis and Management	3
FIN 496	Financial Statement Analysis	3
FIN 497	International Money & Finance	3
-----	-----Business Administration Elective	3
-----	-----Business Administration Elective	3

Bachelor of Science in
HUMAN RESOURCE MANAGEMENT

Mission of the Human Resource Management Program

The mission of the Human Resource Management program is to matriculate students who have a firm understanding of different aspects and issues related to Human Resource Management in the workplace and professional organizations.

Program Objectives

- 1. To develop human resource managers who have a firm understanding of the legal issues involved in the administration of the human resource function.
- 2. To develop human resource professionals who are capable of effectively designing and implementing a compensation system in a business organization.
- 3. To develop human resource professionals who are capable of dealing effectively with all aspects of union management relations.
- 4. To develop human resource professionals who are capable of effectively designing and implementing both the staffing function and the development function in a business organization
- 5. To develop human resource professionals that can deal effectively with a variety of different people in a variety of different situations

FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101	College Writing I 3	ENG 102	College Writing II 3
MAT 101	College Math I 3	MAT 102	College Math II 3
_____	Natural Science Req 3	_____	Natural Science Req 3
FMC 101	Ed & Life Seminar 3	COM 103	Speech 3
REA 101	Critical Thinking & Reading or 3	HIS _____	African American History I or II 3
ENG 111	First Year Literature	REL 101	Intro to Religion 3
PED 110	Dimension of Wellness 2		18
	17		

SOPHOMORE YEARFirst Semester

ACC 211	Principles of Accounting I	3
___ 201	Foreign Lang Req	3
ECO 201	Principles of Macroeconomics	3
BUS 211	Principles of Management	3
CSC 101	Intro to Computers	3
___ ___	Social Science Req	3
		18

Second Semester

ACC 212	Principles of Accounting II	3
___ 202	Foreign Lang Req	3
ECO 202	Principles of Microeconomics	3
BUS 215	Quantitative Methods for Business	3
___ ___	Humanities Req	3
		15

JUNIOR YEARFirst Semester

HRM 350	Human Resource Management	3
BUS 320	Business Statistics I	3
ACC 352	Managerial Accounting	3
MAR 301	Principles of Marketing	3
ECO 371	Money & Capital Markets	3
FIN 301	Principles of Finance	3
		18

Second Semester

HRM 360	The Legal Environment of Human Resource Management	3
BUS 321	Business Statistics II	3
HRM 380	Compensation Management	3
___ ___	History/Gov Req	3
		12

SENIOR YEARFirst Semester

HRM 410	Labor Relations	3
HRM 420	Staffing and Development	3
BUS 450	Business Internship & Seminar	3
BUS 403	Strategic Management	3
		12

Second Semester

___ ___	Approved Business Elective	3
BUS 394	Business Ethics & Society	3
BUS 498	Senior Project in Business	3
BUS 420	Operations Research	3
		12

Approved electives are (ACC, BUS, ECO, MAR, CSC1):

ACC ___	Accounting Elective	3
BUS 210	Applied Mathematics in Business	3
BUS 240	Intro to Hospitality Management	3
BUS 310	Business Mathematics	3
BUS 312	Business Law II	3
BUS 344	Business Organization & Management	3
BUS 345	Business Comm & Tech Writing	3
BUS 353	Principles of Insurance	3
BUS 400	Entrepreneurship	3

BUS 480 Managerial Psychology	3
BUS 487 Seminar in Management	3
FIN 493 Portfolio Analysis & Management	3
FIN 495 Futures & Options Markets	3
FIN 496 Financial Statement Analysis	3
FIN 497 Seminar in International Money & Finance	3
ECO 302 Intermediate Microeconomics	3
ECO 310 History of Economic Thought	3
HRM 430 Creating Productive Relationships	3
MAR 361 Retail Marketing	3
MAR 362 Personal Selling	3
MAR 363 Direct Marketing Management	3
MAR 395 Consumer Behavior	3
MAR 460 Advertising	3
MAR 461 Marketing Channels	3
MAR 462 International Marketing	3
MAR 463 Survey of E- Commerce	3
MAR 490 Service Marketing	3
MAR 495 Marketing Research	3
MAR 487 Seminar in Marketing	3
CSC ____ Computer Elective (beyond CSC 101)	3

Bachelor of Science in **MARKETING**

The School offers a program leading to the Bachelor of Science degree in Marketing.

Mission of the Marketing Program

The mission of the Marketing program is to provide students with an understanding of the basic structures and processes of marketing and assist them in developing the ability to analyze and deal with marketing problems and opportunities. The program prepares students for careers in marketing and provides them the opportunity to pursue graduate studies. The Marketing program is intended to provide the students with necessary skills for performance of assigned duties in the fields of:

1. Marketing Management
2. Marketing Research
3. Industrial Sales
4. Retail Management

Program Objectives

1. To provide the knowledge and skills necessary for the application of marketing technology within an organization.
2. To aid the students in the development of marketing skills in order to facilitate the creation of successful marketing policies within a firm.
3. To enhance student abilities to conduct research, analyze data and report results through utilization of the latest marketing information and techniques.
4. To aid the student in the development of creative solutions to marketing problems within a business organization through the preparation of a professional report based on the practical application of marketing knowledge and field research.

This degree program requires at least 122 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101	College Writing I 3	ENG 102	College Writing II 3
MAT 101	College Math I 3	MAT 102	College Math II 3
___	Natural Science Req 3	___	Natural Science Req 3
FMC 101	Ed & Life Seminar 3	COM 103	Intro to Pub Speak 3
REA 101	Critical Thinking and Reading or 3	HIS ___	African American History I or II 3
ENG 111	First Year Literature	REL 101	Intro to Religion 3
PED 110	Dimension of Wellness 2		
	17		18

SOPHOMORE YEAR

<u>First Semester</u>		<u>Second Semester</u>	
ACC 211	Principles of Accounting I 3	ACC 212	Principles of Accounting II 3
___ 201	Foreign Lang Req 3	___ 202	Foreign Lang Req 3
ECO 201	Principles of 3	ECO 202	Principles of 3
	Macroeconomics		Microeconomics
CSC 101	Intro to Computers 3	BUS 215	Quantitative Methods for Business 3
BUS 211	Principles of Management 3	___	Humanities Req 3
___	Social Science Req 3		
	18		15

JUNIOR YEAR

<u>First Semester</u>		<u>Second Semester</u>	
BUS 320	Business Statistics I 3	BUS 321	Business Statistics II 3
MAR 301	Principles of Marketing 3	BUS 311	Business Law I 3
ACC 352	Managerial Accounting 3	BUS 394	Business Ethics & Society 3

FIN 301	Principles of Finance	<u>3</u>	History/Gov Req	3
		12	BUS 404	International Business
				<u>3</u>
				15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BUS 450	Business Internship & Seminar	3	BUS 420	Operations Research	3
___	Approved Marketing Elective	3	MAR 495	Marketing Research	3
ECO 371	Money & Capital Markets	3	___	Approved Marketing Elective	3
MAR 395	Consumer Behavior	3	BUS 498	Senior Project in Business	<u>3</u>
BUS 403	Strategic Management	<u>3</u>			12
		15			

Approved Marketing electives are:

MAR 361	Retail Marketing	3
MAR 362	Personal Selling	3
MAR 363	Direct Marketing Management	3
MAR 460	Advertising	3
MAR 461	Marketing Channels	3
MAR 462	International Marketing	3
MAR 463	Survey of E-Commerce	3
MAR 490	Services Marketing	3
MAR 487	Seminar in Marketing	3

PRE-HOSPITALITY MANAGEMENT DUAL PROGRAM

The objective of the FM/FIU Hospitality Management Program is to provide students the opportunity to obtain the Bachelor of Science Degree in Business Administration from Florida Memorial University and the Bachelor of Science Degree in Hospitality Management or the Master of Science Degree in Hotel and Food Service Management from FIU.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I or	3	MAT 102	College Math II or	3
MAT 111	College Algebra		MAT 112	Pre-Calculus	
BIO 101	Biological Science	3	PSC 101	Physical Science	3
FMC 101	Ed & Life Seminar	3	CSC 101	Intro to Computers	3
REA 101	Critical Thinking & Reading or	3	REL 101	Intro to Religion	3

ENG 111	First Year Literature		HIS 200	History of USA	<u>3</u>
PED 110	Dimensions of Wellness	<u>2</u>			18
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ACC 211	Principles of Accounting I	3	ENG 309	Advance Grammar & Comp	3
___ 201	Foreign Lang	3	ACC 212	Principles of Accounting II	3
SSC ___	Contemporary Soc I or II	3	BUS 215	Quant Methods for Business	3
ECO 202	Principles of Micro	3	BUS 211	Principles of Management	3
___ ___	African Am Hist I or II	3	___ 202	Foreign Lang	3
		15	MUS 200	Music Appreciation	<u>3</u>
					18

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BUS 320	Business Statistics I	3	BUS 312	Business Law II	3
BUS 311	Business Law I	3	BUS 321	Business Statistics II	3
MAR 301	Principles of Marketing	3	___ ___	Approved Business Elective	3
___ ___	Approved Business Elective	3	FIN 301	Principles of Finance	3
BUS 240	Intro to Hospitality Mgmt	<u>3</u>	ECO 371	Money & Capital Markets	<u>3</u>
		15			15

Minor in Economics, Finance and Human Resource Management

A minor is available in Economics, Finance and Human Resource Management. A program of study in Economics, Finance and Human Resource Management serves as a foundation for students who have interest in pursuing graduate work or a career in these areas. For a minor in Economics, Business Administration majors must complete eighteen credit hours beyond ECO 201, ECO 202, and ECO 371 with a grade of "C" or better. These eighteen credit hour courses must include ECO 302, ECO 310, ECO 351, and ECO 457 plus two other economic electives. For a minor in Finance, Business Administration majors must complete eighteen credit hours with a grade of "C" or better. These eighteen credit hours must include FIN 301, BUS 493, BUS 495, BUS 496, BUS 497, plus an advanced course in Accounting. For a minor in Human Resource Management, Business Administration majors must complete eighteen credit hours with a grade of "C" or better. These eighteen credit hours must include HRM 350, HRM 360, HRM 380, HRM 410, HRM 420 and HRM 430.

Students should consult with the School's Chairperson as soon as the decision to pursue a minor in Economics or Finance has been made. An agreement about specific courses to satisfy the minor requirements must be made during the application process. Students selecting a minor in Economics or Finance must adhere to the same entrance requirements as those pursuing a major in the School and must have a strong background in mathematics.

Minor in Economics

ECO 302 Intermediate Microeconomics	3
ECO 310 History of Economic Thought	3
ECO 351 Labor Economics	3
ECO 457 Urban Economics	3

Economic Electives

ECO 420 International Economics & Trade	3
ECO 475 Economics of Development	3
ECO 485 Environmental Economics	3

Minor in Finance

BUS 353 Principles of Insurance	3
FIN 301 Business Finance	3
FIN323 Corporate Finance	3
FIN 333 Investment	3
FIN 350 Principals of Financial Planning	3
FIN 493 Portfolio Analysis & Management	3
FIN 495 Futures & Options Markets	3
FIN 496 Financial Statement Analysis	3
FIN 497 International Money & Finance	3

Minor in Human Resource Management

HRM 350 Human Resource Management	3
HRM 360 Legal Environment of HRM	3
HRM 380 Compensation Management	3
HRM 410 Labor Relations	3
HRM 420 Staffing and Development	3
HRM 430 Creative Productive Relationships	3

*Approval of Advisor Required.

School of **EDUCATION**

The School of Education offers majors in ten National Council for Accreditation of Teacher Education (NCATE) and Florida State Approved Teacher Education Programs, Elementary Education, Exceptional Student Education (K-12), Middle Grades English, General Science and Mathematics, Secondary Education Biology, English, and Mathematics, Physical Education (K-12) and Music Education (K-12). The bachelor of science degrees offered in these specialized fields, along with the teacher education curriculum, prepare students for a professional teaching career in the respective content areas. Additionally, a minor is available in Health Education.

The curricular offerings in the Professional Education Program provide opportunities to learn and practice appropriate theories, concepts, and strategies. The Professional Education Program provides teacher trainees with the skills and competencies necessary to be effective educators by emphasizing such areas as methodologies of instruction, curriculum development, classroom management, assessment, field activities, and internship experience. The curriculum developed for majors leading to teacher certification is based on NCATE standards, national standards, and the State Board of Education rules prescribed in Chapter 6A.5FAC of the Department of Education for the State of Florida. The School must make program modifications as mandated by the State.

Mission Statement

The professional education program at Florida Memorial University is designed to uphold and carry out the mission of the University to provide effective academic programs that lead to life-long learning and leadership through service. The dynamics of change have led to the continuation of high expectations for the quality of educators prepared at this institution, from increasing the diversity of the student population to revising the program that addresses the use of technology.

Effective educators are expected to demonstrate scholarship, service, and research as they prepare to become professionals in their respective fields. Graduates of the teacher education program are noted for their profes-

sionalism and their belief that all children can learn. The School's vision may be captured by the following theme: "Continuing the Heritage, Legacy and Tradition of Florida Memorial University: Preparing Constructivist, Competent, Educators, C3E."

Admission to the Professional Education Program

The curriculum for the Professional Education Program is designed to be fulfilled in approximately two years after completion of the general education program for education majors required by Florida Memorial University. Although students may declare education as a major upon admission to the University, students are not fully admitted into the program until the following requirements are met:

1. A minimum cumulative GPA of 2.5 at the completion of the core curriculum.
2. A passing score on all four subsections of the General Knowledge (GK) examination.
3. An above average pre-student evaluation for EDU 313 – Pre-student teaching.
4. A one-page written statement entitled "Reasons for Teacher Education Career Choice."

Provisional status for admittance into the Professional Education Program will be granted to any student who has not met all the requirements for full admission. Provisional status will be granted at the discretion of the Professional Education Program faculty committee.

Admission to Teacher Education Internship

The Professional Education Program concludes with the Education Internship. The internship experience provides the vehicle for teacher trainees to demonstrate teacher competencies by connecting the theoretical with the practical experiences through implementation of the teaching process. Application must be completed by the announced deadline one semester prior to the internship experience. Internship is completed during the last semester of the senior year. Before applying for internship, students must be fully accepted into the Professional Education Program, including passing all subsections of the General Knowledge Examination (see above admission requirements). Students must also complete all required education courses. Acceptance into the Education Internship Program is granted by the Professional Education Program faculty committee. Additionally, to qualify for acceptance into the internship program, students must first satisfy the following requirements:

- 1. An overall GPA 2.5 or higher.
- 2. A typed one page essay on "My Philosophy of Education."
- 3. Successful completion of 150 clock hours in pre-student teaching experiences or the equivalent with average or above average evaluations.
- 4. Successful completion of the Professional section of the Florida Teacher Certification Examination (FTCE).
- 5. Completion of local school districts/school requirements including a background clearance.

Graduation Requirements

Before graduating from the School of Education Professional Education Program, the student must have:

- 1. Completed all requirements for the Professional Education Program (see above admission requirements).
- 2. Passed the subject area of the FTCE examination.
- 3. Completed graduation requirements.
- 4. Completed and submitted all appropriate materials for graduation with the Registrar. (Education programs are subject to change based on mandates from the Florida Department of Education.)

Bachelor of Science in
BIOLOGY EDUCATION 6-12

This degree is designed to prepare students for professional studies as well as to teach biology. This degree requires 133 credit hours for completion. In order to complete the degree in four years, students must take more than 15 credits a semester or attend at least one summer session.

FRESHMAN YEAR					
First Semester			Second Semester		
FMC 101	Edu & Life Seminar*	3	ENG 102	College Writing II	3
ENG 101	College Writing I	3	MAT 112	Pre-Calculus	3
MAT 111	College Algebra	3	BIO 204	General Zoology	3
REA 101	Crit Thk & Rd or	3	BIO 205	General Zoo Lab	1
ENG 111	First Year Lit		HIS 103	Af. Am. History	3
BIO 130	Prin of Biology	1	ENV 131	Earth Science	3
BIO 131	Prin of Biology Lab	3	COM 103	Intro to Pub Spkg	3
		16			19

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 305	Clg. Geometry	3	EDU 203	Psy/Soc Foun Ed.	3
BIO 206	General Botany	3	CHE 112	Gen Chemistry	4
BIO 207	General Bot Lab	1	CHE 113	Gen Chem Lab	1
CHE 110	General Chem	4	BIO 310	Genetics	3
CHE 111	Gen Chem Lab	1	BIO 311	Genetics Lab	1
PSY 200	Intro to Psychology	3	_____	Fine Arts Rqmt	3
REL 201	Intro to Phil.	<u>3</u>	EDU 206	Tchg in M/S Sch	<u>3</u>
		18			18

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PHY 200	College Physics I	3	PHY 202	Clg Physics II	3
PHY 201	College Physics Lab	1	PHY204	Clg Physi Lab	1
BIO 200	Human Anat & Phy	3	BIO 320	Ecology	3
BIO 201	Human Anat &Phy Lab	1	BIO 321	Ecolog Lab	1
EDU 205	Multicultural Diversity	3	HIS 200	History of USA	3
EDU 331	Instructional Technology	3	EDU 314	Pre-Student Tchg	1
EDU 313	Pre-Student Teaching	1	EDU 426	Content Reading	3
ESO 402	Methods of Tchg ESOL	<u>3</u>	PED 110	Dim. of Well	<u>2</u>
		17			17

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BIO 410	Microbiology	3	EDU 450	Internship	9
BIO 411	Microbiology Lab	1	_____	Literature Req	<u>3</u>
EDU 408	Clstrm Beh Mgmt	3			12
EDU 439	Tst and Msmt	3			
EDU 315	Pre-Student Teaching	1			
BIO 420	Cell Biology	3			
BIO 421	Cell Biology Lab	1			
EDU 419	Tchg Sci in M/S	<u>3</u>			
		18			

*Bachelor of Science in***ELEMENTARY EDUCATION/ESOL (K-6)**

The major in Elementary Education/ESOL provides students with content, education theory, methods of teaching and management principles and practices needed to address diverse learners. Students who complete this major are prepared to be professional elementary teachers and for further study at the graduate level. This degree program requires 126

credit hours for completion with ESOL endorsement. In order to complete the degree in four years, students must take more than 15 credits a semester or attend at least one summer session.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
ENV 131	Earth Science	3	BIO 101	Biological Science	3
MAT 101	College Math 1	3	BIO 131	Biological Sci. Lab	1
FMU 101	Ed & Life Seminar*	3	REA 101	Crit Think/ Rdg or	
			ENG 111	First Yr. Lit.	3
COM 103	Intro to Pub Speak	<u>3</u>	HIS 103	Afr. Amer. His	3
		15	MAT 105	Interg. Mth.	<u>3</u>
					16

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
_____	Literature Req**	3	HIS 200	History of USA	3
_____	Fine Arts Req***	3	EDU 204	Tchg in E/S	3
PSY 200	Intro. Psychology	3	REL 201	Intro to Philos	3
PSC 101	Physical Science	3	PED 110	Dim of Wellness	2
MAT 111	College Algebra	<u>3</u>	EDU 203	Psy/Soc Found/EDU	<u>3</u>
		15			14

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
EDU 303	Tchg Music in E/S	3	EDU 307	Mthd of Tch Mt E/S	3
EDU 304	Tchg Soc. Stud E/S	3	EDU 302	Tchg Sci in E/S	3
EDU 331	Instru. Tech	3	ENG 460	Applied Linguistics	3
EDU 205	Multicultural Div	3	EDU 305	Tchg Art in E/S	3
EDU 427	Tch Lang Arts	3	EDU 308	Tchg Rdg in E/S	3
EDU 313	Pre-Stud Tchg	<u>1</u>	EDU 314	Pre-Stud Tchg	<u>1</u>
		16			16

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
EDU 426	Content Reading	3	EDU 450	Internship	9
EDU 408	Clstrm Beh Mgnt	3	ESE 448	Incul. Coll, Div	3
EDU411	Diag & Rem	3	ESU 324	Tchg Hlth/PE E/S	3
EDU 439	Tst and Msmnts	3			15
ESO 402	Mthds of Tchg ESOL	3			
EDU 315	Pre-Stud. Tchg	<u>1</u>			
		16			

*Bachelor of Science in***MIDDLE GRADES ENGLISH/ESOL (5-9)**

The major in Middle Grades English/ESOL 5-9 provides students with strong content knowledge, educational theory and practice, methods of teaching and management principles and practices needed to address diverse learners. Students who complete this major are prepared to teach students from diverse backgrounds and for further study at the graduate or professional level. This degree program requires 129 credit hours for completion. In order to complete the degree in four years students must take more than 15 credits a semester or attend at least one summer session.

FRESHMAN YEARFirst Semester

ENG 101	College Writing I	3
MAT 101	College Math I	3
COM 103	Intro to Pub Spkg	3
ENV 131	Earth Science	3
FMC 101	Ed. & Life Seminar	3
REA 101	Crit.Think & Read or	3
ENG 111	First Yr. Lit	16

Second Semester

ENG 102	College Writing II	3
MAT 105	Integrated Math	3
BIO 101	Biological Science	3
BIO 131	Bio. Sci. Lab	1
HIS 103	Afr. Amer History	3
ENG 210	World Literature	3
		16

SOPHOMORE YEARFirst Semester

ENG 308	Afr. Amer Liter	3
REL 201	Intro to Philosophy	3
PSY 200	Intro to Psych	3
PSC 101	Physical Science	3
MAT 111	College. Algebra	3
PED 110	Dim. of Wellness	2
		17

Second Semester

EDU 203	Psy/Soc Foun of Ed	3
HIS 200	History of the USA	3
ENG 212	Ethnic Literature	3
EDU 206	Tchg in M/S	3
EDU 205	Multicultural Div.	3
ENG 361	Contemp Fiction	3
		18

JUNIOR YEARFirst Semester

ENG 303	British Literature	3
ENG 340	Contemp Amer Lit	3
ENG 309	Adv. Gram & Comp	3
EDU 331	Instructional Tech	3
EDU 427	Tch Lang Arts/Lit	3
EDU 313	Pre-Student Tchg	1
		16

Second Semester

EDU 308	Tchg Rdg in E/S	3
ENG 315	Adol Lit	3
ESO 402	Mthds of Tchg ESOL	3
EDU 439	Tests and Msmts	3
ENG 444	Mythology	3
EDU 314	Pre-Stud Teaching	1
		16

SENIOR YEARFirst Semester

EDU 426	Content Reading	3
ENG 460	Applied Ling.	3
EDU 408	Clsm. Beh. Mgmt	3
EDU 411	Diag & Remediation	3
EDU 418	Mtd of Tch Eng M/S	3
EDU 315	Pre-Student Tchg	<u>1</u>

16

Second Semester

EDU 450	Internship	9
ENG 405	Creative Writing	3
DRA 200	Drama Appr.	<u>3</u>

15

*Bachelor of Science in***EXCEPTIONAL STUDENT EDUCATION/ESOL (K-12)**

The major in Exceptional Education is designed to provide students with strong content knowledge, educational theory, methods of teaching and management principles and practices needed to address diverse learners. Students who complete this major are prepared for further study at the graduate or professional school level. This degree program requires at least 129 credit hours for completion. **In order to complete the degree in four years students must take more than 15 credits a semester or attend at least one summer session.**

FRESHMAN YEARFirst Semester

FMU 101	Edu & Life Sem	3
ENG 101	College Writing I	3
MAT 101	College Math I	3
COM 103	Intro to Pub Spkg	3
ENV 131	Earth Science	3
PED 110	Dim. Of Wellness	<u>2</u>

17

Second Semester

ENG 102	College Writing II	3
MAT 105	Integrated Mth II	3
BIO 101	Biological Science	3
BIO 131	Bio. Science Lab	1
HIS 103	Afr. Amer. History	3
REA 101	Crit Think & Rdg or	<u>3</u>
ENG 111	First Yr. Lit	16

16

SOPHOMORE YEARFirst Semester

_____	Literature Req.	3
_____	Fine Arts Req.	3
PSY 200	Intro. Psychology	3
PSC 101	Physical Science	3
MAT 111	College Algebra	3
EDU 203	Psy/Soc Foun of Edu	<u>3</u>

18

Second Semester

EDU 205	Multicultural Div.	3
HIS 200	History of USA	3
EDU 204	Tchg in Ele. Sch	3
REL 201	Intro to Philosophy	3
EDU 206	Tchg in M/S	3
EDU 313	Pre-Student Tchg	<u>1</u>

16

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ESE 430	Intro to ESE	3	EDU 307	Tchg Mth in E/S	3
EDU 304	Tchg in Soc Stu	3	EDU 302	Tchg. Sci in E/S	3
EDU 331	Instructional Tech	3	ESE 435	Curr/Instr ESE	3
ESE 434	Char of Student ESE	3	ESE 447	Assess in Special	3
EDU 427	Tchg Lang Arts/Lit	3	EDU 308	Tchg Rdg in E/S	3
ENG 460	Applied Ling	<u>3</u>	EDU 314	Pre-Stud Tchg	<u>1</u>
		18			16

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
EDU 426	Content Reading	3	EDU 450	Internship	9
ESE 436	Cur/ Instr ESE	3	ESE 448	Incl. Coll Div	<u>3</u>
ESE 408	Behav Mgmt ESE	3			12
ESO 402	Mthd of Tchg ESOL	3			
EDU 411	Diag & Remediation	3			
EDU 315	Pre-Student Tchg	<u>1</u>			
		16			

Education majors who have completed two years of a foreign language in high school with GPA of 2.0 or higher are exempted from the University's foreign language requirement.

*Bachelor of Science in***MIDDLE GRADES MATHEMATICS EDUCATION (5-9)**

The major in Middle Grades Mathematics Education is designed to provide mathematics education majors with education theory, content knowledge, pedagogical skills, and management principles and practices. Students who complete this major are prepared for further study at the graduate level, for professional school or teaching at the middle grade level. This degree program requires at least 131 credits hours for completion. In order to complete the degree in four years, students must take more than 15 credits a semester or attend at least one summer session.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
FMU 101	Ed & Life Seminar*	3	ENG 102	College Writing II	3
ENG 101	College Writing I	3	MAT 112	Pre-Calculus	3
MAT 111	College Algebra	3	MAT 113	Clg. Trigonometry	3

BIO 130	Prin of Biology	3	PHY 110	Gen. Physics	3
BIO 131	Prin of Bio Lab I	1	PHY 111	Gen. Physics Lab	1
REA 101	Crit Think and Read or	<u>3</u>	HIS 103	Afr. Amer. History	<u>3</u>
ENG 111	First Yr. Lit	16			16

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro to Pub Spkg	3	REL 201	Intro to Philosophy	3
ENV 131	Earth Science	3	MAT 202	Calculus II	3
MAT 201	Calculus	3	MAT 210	Discrete Mth	3
MAT 205	Prob & Stats	3	HIS 200	History of USA	3
PSY 200	Intro to Psychology	3	EDU 203	Psy/Soc Found Edu	3
PED 110	Dim of Well	<u>2</u>	EDU 313	Pre-Student Tchg	<u>1</u>
		17			16

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 305	Clg. Geometry	3	_____	Fine Arts Req.***	3
_____	Program Lang	3	EDU 426	Content Reading	3
MAT 307	Number Theory	3	_____	App Math Elective	3
EDU 205	Multicultural Div	3	MAT 303	Hist of Math	3
EDU 206	Tchg in M/S Sch	3	EDU 331	Instructional Tech	3
EDU 314	Pre-Student Tchg	<u>1</u>	EDU 315	Pre-Student Tchg	<u>1</u>
		16			16

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
_____	Approve Math Elec	3	EDU 450	Internship	9
_____	Approve Math Elec	3	_____	Literature Req	<u>3</u>
EDU 439	Tst and Msmts	3			12
EDU 408	Clsrc Beh. Mgmt	3			
EDU 422	Tchg Math M Sch	<u>3</u>			
		18			

Bachelor of Science in**MIDDLE GRADES SCIENCE (5-9)**

The major in Middle Grades General Science 5-9 provides students with strong content knowledge, educational theory and practice, methods of teaching, and management principles and practices. Students who complete this major are prepared to teach students from diverse backgrounds and for further study at the graduate or professional school level. This degree program requires 121 credit hours for completion. In order to

complete the degree in four years, student must take more than 15 credits a semester or attend at least one summer session.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
FMC 101	Ed & Life Sem*	3	ENG 102	Clg Writing II	3
ENG 101	Clg. Writing I	3	MAT 112	Pre-Calculus	3
MAT 111	Clg. Algebra	3	BIO 130	Prin of Biology	3
COM 103	Intro to Pub Spkg	3	BIO 131	Prin of Bio Lab	1
ENV 131	Earth Science	<u>3</u>	HIS 103	Afr. Amer History	3
		15	REA 101	Crit Think & Rdg or	<u>3</u>
			ENG 111	First Yr. Lit	16

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
_____	Lit. Req.	3	PED 110	Dim of Wellness	2
CHE 110	General Chemistry	4	HIS 200	History of USA	3
CHE 111	Gen Chemistry Lab	1	EDU 203	Psy/Soc Found of Ed	3
PSY 200	Intro to Psychology	3	EDU 205	Multicultural Div	3
PSC 101	Physical Science	3	_____	Maj. Science Req	3
MAT 305	General Geometry	<u>3</u>	REL 201	Intro to Phil	<u>3</u>
		17			17

JUNIOR YEAR

First Semester			Second Semester		
EDU 206	Tchg in M/S Sch	3	EDU 314	Pre-Student Tchg.	1
EDU 313	Pre-Student Tchg	1	BIO 320	Ecology	3
BIO 204	Gen Zoology	3	BIO 321	Ecology Lab	1
BIO 205	Gen Zoology Lab	1	BIO 206	Gen Botany	3
PHY 201	Clg Physics	3	BIO 207	Gen Botany Lab	1
PHY 202	Clg Physics Lab	1	EDU 331	Instructional Tech	3
EDU 426	Content Reading	<u>3</u>	ESO 402	Mthd of Tchg ESOL	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
EDU 408	Clstrm Beh Mgmt	3	EDU	450 Internship	9
EDU 419	Tchg Science in M/S	3	_____	Fine Arts Req	<u>3</u>
EDU 439	Tst & Msmts	3			12
EDU 315	Pre-Student Tchg	1			
BIO 310	Genetics	3			
BIO 311	Genetics Lab	<u>1</u>			
		14			

***Education majors who have completed two years of a foreign language in high school with a GPA of 2.0 or higher are exempted from the University's foreign language requirements.**

Bachelor of Science in
MUSIC EDUCATION (K-12)

The major in Music Education provides students with educational theory, methods of teaching and management principles and practices. This teacher preparation program has a broad foundation in many academic areas and specialization in all general areas of music. Students who complete this major are prepared for further study at the graduate or professional level. **This degree program requires a minimum of 131 semester hours and may require an additional semester for completion.**

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math	3	MAT 105	Integrated Math	3
FMU 101	Ed & Life Sem	3	REA 101	Crit Think and Rdg or	3
MUS 101	Struc. Of Mus I	3	ENG 111	First Yr. Lit	
MUS ____	Major App Instr	1	MUS 102	Struct Music II	3
MUS 243	Brasswind Techs	1	MUS ____	Maj. App Instr	1
MUS 104	Class Piano I	1	MUS 247	Woodwind Tech	1
MUS ____	Required Ensemble	1	MUS 104	Class Piano II	1
MSU 300	Music Sem/Rect	<u>0</u>	MUS ____	Req Ensemble	1
		16	MUS 300	Mus Sem/Rect	<u>0</u>
					16

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MAT 111	College Algebra	3	MUB 311	Comp and Music	3
PSY 200	Intro to Psychology	3	HIS 200	History of USA	3
MUS 209	History of Music I	3	MUS 210	His of Music II	3
MUS 201	Struct of Music III	3	MUS 203	Struc of Music IV	3
MSU 111	Sight Sing/Ear I	2	MUS 211	Sight Sing/Ear II	2
MUS __	App Major Instr	1	MSU ____	App Major Instr	1
MUS 257	String Tech	1	MUS 267	Percussion Tech	1
EDU 313	Pre-Student Tchg	1	EDU 314	Pre-Student Tchg	1
_____	Req Ensemble	1	_____	Required Ensemble	1
MUS 300	Music Sem/Rec	0	MUS 300	Mus Sem/ Rec	0
		15			15

JUNIOR YEARFirst Semester

COM 103	Intro to Prof Spkg	3
REL 201	Intro to Philosophy	3
ENV 131	Earth Science	3
MUS 291	Music Criticism	3
MUS 209	His. Of Music III	3
MUS ____	Applied Elective	2
_____	Ensemble Elective	1
EDU 315	Pre-Student Tchg	<u>1</u>
		19

Second Semester

EDU 203	Psy/Soc Found Ed	3
ESO 402	Mthd Tchg ESOL	3
EDU 205	Multicultural Div.	3
PSC 101	Physical Science	3
EDU 426	Content Reading	3
MUS 312	Conducting	3
MUS 238	Vocal Tech	<u>1</u>
		19

SENIOR YEARFirst Semester

BIO 101	Biological Science	3
BIO 131	Prin of Bio Lab	1
EDU 416	Tchg Music in K-12	3
EDU 439	Tst and Msmts	3
EDU 408	Clrm Beh Mgmt	<u>3</u>
		13

Second Semester

EDU 450	Internship	9
MUS ____	Major Applied	2
MUS ____	Ensemble Elec	<u>1</u>
		12

*Bachelor of Science in***PHYSICAL EDUCATION (K-12)**

The major in Physical Education is designed to prepare students to develop technical skills and knowledge in physical education while emphasizing the psychomotor domain. Students who complete one of the physical education majors are prepared to teach or to do advance study. This degree program requires 131 credit hours for completion. In order to complete the degree in four years, students must take more than 15 credits a semester or attend at least one summer session.

FRESHMAN YEARFirst Semester

ENG 101	College Writing I	3
PED 110	Dim of Wellness	2
MAT 101	College Math I	3
FMUC101	Ed & Seminar*	3
BIO 101	Biological Science	3
PED	Safety and First Aid	1
PED210/212	Adv. Swim	<u>1</u>
		16

Second Semester

ENG 102	College Writing II	3
REA 101	Crit Think/Rdg or	3
ENG 111	First Yr. Lit	
MAT 105	Integrated Math	3
PSC 101	Physical Science	3
HIS 103	Af. Am. His	3
COM 103	Intro to Pub Spkg	<u>3</u>
		18

SOPHOMORE YEARFirst Semester

PSY 200	Intro to Psy	3
MAT 111	College. Algebra	3
EDU 203	Psy/ Soc Found ED	3
REL 201	Intro to Philosophy	3
HIS 200	History of USA	3
ENV 131	Earth Science	<u>3</u>
		18

Second Semester

EDU 206	Tchg in M/S	3
PED 301	His & Phy of Spts	3
BIO 200	Hum Ana & Phys	3
BIO 201	Hum Ana Lab	1
EDU 205	Mul. Cu Div.	3
PED 316	Prin & Ana Tm Spts	<u>2</u>
		15

JUNIOR YEARFirst Semester

—	Literature Req	3
EDU 313	Pre-Student Tchg	1
EDU 426	Content Reading	3
PED 322	Theory/Coaching	3
PED 323	Indv & Grup Act	2
PED 403	Ada/Corr. P.E	3
EDU 331	Instru. Tech	3
PED 409	Excer Phys Lab	<u>1</u>
		18

Second Semester

PED 410	Care & Prevention	3
ESO 402	Mthd of Tch ESOL	3
PED 408	Kinesiology	3
EDU 314	Pre-Student Tchg	1
PED 401	Org & Admin P.E	3
PED 308	Mvmt. Skills & Dance	2
PED 407	Excer Physiology	<u>3</u>
		18

SENIOR YEARFirst Semester

EDU 412	Tchg PE in K-12	3
EDU 439	Tst. & Msmts	3
PED 411	Psychomotor Lrng	3
EDU 315	Pre-Student Tchg	1
EDU 408	Clsrc Beh Mgmt	3
EDU 426	Content Reading	<u>3</u>
		16

Second Semester

EDU 450	Internship	9
—	Fine Arts Reqs	<u>3</u>
		12

School of **GRADUATE & CONTINUING EDUCATION**

The School of Graduate and Continuing Education encompasses the traditional and nontraditional educational opportunities available through various delivery systems at the University. Enrollment options range from taking a single course for professional or personal enrichment to earning a baccalaureate or master's degree.

OFFICE OF GRADUATE PROGRAMS

The mission of the Office of Graduate programs is to coordinate programs at the graduate level in order to provide students with an educational experience that will prepare them to meet the complex challenges of professional life within a diverse and changing society. The office provides admission and graduation requirements, policies and procedures, and other programmatic information related to study at the graduate level. For information regarding graduate degree programs please refer to the Florida Memorial University Graduate Catalog.

DEPARTMENT OF CONTINUING EDUCATION

The Department of Continuing Education is responsible for administering the following: Credit for Life Experience Opportunity (CLEO) Program, the off-campus sites, courses for individuals seeking professional education area certification or re-certification, non-credit courses, certificate programs, and continuing education units. Additionally, the department offers the Bachelor of Arts degree in Interdisciplinary Studies for working adults.

Objectives of the Department

Overall, the purpose of this department is to enrich, expand and extend the university's primary mission of teaching and service:

1. To maintain a curriculum that meets the needs of working adults.
2. To provide instruction, and instruction to meet the needs of mature life-long learners.
3. To offer courses at Off-Campus sites to facilitate the continuing education efforts of working adults.
4. To offer professional seminars, symposiums and workshops.

5. To provide a forum for the enrichment of individuals through a lecture/artist series that encourages dialogue among local, county, state, and national communities.
6. To offer Continuing Education Units (CEU's), for non-credit activities that address identified needs of many unique audiences.
7. To offer Credit for Life Experiences Opportunity (CLEO) that are comparable and applicable to credit offered by the university.
8. To provide specialized Professional Education Area Certification (PEAC) courses for eligible teachers, appropriate for meeting certification and recertification requirements.
9. To assist students in understanding the role of the Department of Continuing Education.
10. To provide students with information pertaining to the Interdisciplinary Studies degree program.
11. To prepare the students for graduate and professional school.

Mission Statement

The Department of Continuing Education (DCE) serves to facilitate the University's degree-granting programs in the provision of educational opportunities and other experiential learning programs for traditional and non-traditional learners, and serves as the catalyst for various interest groups in meeting professional and personal development needs. The department is responsible for the University's off campus centers; the Weekend Program; Professional Education Area Certification (PEAC); Credit for Life Experience Opportunity (CLEO); Continuing Education Units (CEU); non-credit courses and certificate programs. In addition, the DCE offers a Bachelor of Arts degree in Interdisciplinary Studies for working adults.

Credit for Life Experience Opportunity (CLEO) Program

The Credit for Life Experience Opportunity (CLEO) Program encompasses all adult experiential learning modes to obtain university credit for applicable practical learning. The College Level Examination Program (CLEP), portfolio development, National Program on Non-collegiate Instruction (PONSI), and credit-by-exam are used to determine credits.

The purpose of the Credit for Life Experience Opportunity Program at Florida Memorial University is to provide a quality adult experiential learning program that offers the opportunity for successful completion of a baccalaureate degree. Further, using various learning tools that link practical experience to applicable university level learning, the mature learner maximizes the value of his/her professional experiences.

In addition to meeting the CLEO program credit requirements, all students must complete a minimum of 30 credits through traditional classroom instruction at Florida Memorial University in order to be awarded the baccalaureate degree.

The Interdisciplinary Studies degree program bridges the academic disciplines of business, the humanities, and the social sciences.

To be eligible to apply to the CLEO Program, the student must

- be a working adult 25 yrs. of age or older.
- have a minimum of five (5) years of professional experience (exceptions must be based on recommendation CLEO Portfolio Advisor).
- complete the CLEO Application Packet.
- attend a preliminary interview meeting with the CLEO Coordinator.

Continuing Education Units

The University offers the opportunity to earn Continuing Education Units (CEU's) upon successful completion of workshops, conferences, and seminars. CEU's may be obtained through course offerings structured to serve the specific learning needs of a client group.

Bachelor of Arts in

INTERDISCIPLINARY STUDIES

The Bachelor of Arts in Interdisciplinary Studies is designed for working adults. This degree provides students with a several options and includes courses that span across disciplines. This program not only addresses career interests and goals but also personal interests and prior pursuits that the student may have experienced.

Students who benefit from a program with cross-discipline options are working professionals who need a degree for career advancement or as a means to capture prior coursework in a program earned at other institutions of higher education.

To be accepted into the Interdisciplinary Studies program students must:

- Be working adults;
- Apply to the dean, School of Graduate of Programs and Continuing Education;

- Submit a written statement of goals for the interdisciplinary studies program; and
- Select a track within a discipline for area of focus.

The application will be reviewed by an Interdisciplinary Program Committee, which will make a recommendation upon approval to the dean. The Interdisciplinary Studies program requirements will be approved by an Interdisciplinary Program Committee. The degree plan consists of:

Core Curriculum	50 credits
Business Required Core Courses	12 credits
Humanities Required Core Courses	9 credits
Social Sciences	12 credits
Senior Project	3 credits
Elected Discipline Track	<u>36 credits</u>
Total Credits for Degree Completion	122 credits

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
MAT 101	College Math I	3	MAT 102	College Math II	3
REA 101	Critical Thinking and Reading OR	3	_____	Natural Science Req	3
ENG 111	First Year Literature	3	CSC 101	Intro to Computers	3
REL 101	Intro to Religion	<u>3</u>	PED 110	Dimension of Wellness	<u>2</u>
		12			14

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro to Public Speaking	3	_____	Social Science Req	3
_____	Humanities Req	3	_____	History/Government Req	3
HIS 103	African American History I or II	3	_____	Foreign Lang II	3
_____	Foreign Lang I	3	BUS 211	Intro to Management	3
_____	Natural Science Req	<u>3</u>	_____	Elected Track A, B or C	<u>3</u>
		15			15

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
HRM 350	Human Resource Management	3	BUS 394	Business Ethics & Society	3
COM 306	Business & Professional Speaking	3	PAD 302	Management of Urban Govt.	3

PAD 301	Concepts and Issues in Pub Admin	3	SSC 300	Research Methods	3
ENG 309	Advanced Grammar & Composition	3	_____	Elected Track A, B or C	3
POL 338	Administration of Social Services	3	_____	Elected Track A, B or C	3
BUS 344	Business Organization & Mgmt	<u>3</u>	_____	Elected Track A, B or C	<u>3</u>
		18			18

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 308	Voice & Diction	3	_____	Elected Track A, B or C	3
_____	Elected Track A, B or C	3	_____	Elected Track A, B or C	3
_____	Elected Track A, B or C	3	<u>4</u>	Elected Track A, B or C	3
_____	Elected Track A, B or C	3	<u>4</u>	Elected Track A, B or C	3
_____	Elected Track A, B or C	<u>3</u>	<u>4</u>	Senior Project*	<u>3</u>
		15			15

Senior Project must coincide with the student's declared discipline track.

- Track A – BUS 498
- Track B – ENG 495, REL 495, MUS 493
- Track C – SSC 423

Elected Discipline Tracks

Business & Computer Science (Track A)

Choose from one (1) discipline

Senior Project: BUS 498*

ACC 211 Principles of Accounting I

BUS 311 Business Law I

BUS 345 Bus. Comm. & Technical Writing

BUS 355 Principles of Real Estate

BUS 403 Strategic Management

FIN 301 Business Finance

ACC 212 Principles of Accounting II

BUS 312 Business Law II

BUS 353 Principles of Insurance

BUS 450 Business Internship & Seminar

BUS 487 Seminar in Management

MAR 301 Principles of Marketing

Humanities (Track B)

Choose from one (1) discipline

Senior Project: ENG 495, MUS 493, or REL 495

Languages, Literature & Composition

ENG 300 – 465 English Literature & Comp
Literature & Comp

FRE 301– 448 French

SPA 301 – 407 Spanish Literature & Comp

COM 407 – Grant Writing

Music

MUB 301 Intro to Music Business

MUB 311 Computers and
Music

MUS 302 – MUS 499

Religion

REL 302 Survey of the New Testament

REL 310 The Psalms

REL 313 Life & Letters of Paul

REL 322 Christian History

REL 324 Intertestamental Period

REL 351 Pastoral Ministry

REL 353 Church Leadership

REL 401 Christian
Education

REL 431 Bible Ethics

REL 432 Christian Ethics

REL 434 Life of Christ

REL 405 Internship I

REL 406 Internship II

REL 420 Internship in
Religion Education

Social Sciences (Track C)

Choose minimum of two courses from each discipline

Senior Project: SSC 423*

Criminal Justice

CRJ 306 Probation & Parole

CRJ 304 Causes & Prev of
Delinquency

CRJ 305 Confinement Facilities

CRJ 306 Correctional
Philosophy & Services

CRJ 403 Police Administration

CRJ 405 Law Enforcement

CRJ 406 Senior Seminar

CRJ 421 Field Placement I

CRJ 422 Field Placement II

Public Administration/Political Science

PAD 301 Concepts & Issues of Pub Admin

PAD 302 Mgmt of Urban
Government

PAD 303 Principles of Public Planning

PAD 306 Administrative Behavior

POL 302 State and Local Government

POL 334 Public Personnel Administration

PAD 305 Florida Law & Public Governance

PAD 401 Mgmt of State Government

POL 333 Politics of Govt Finance

POL 403 Mgmt of Federal Government

Sociology

SOC 303 Social Problems

SOC 307 Community Organization

SOC 402 Racial and Cultural Groups

SOC 431 Seminar in Drug Abuse

SSC 420 Field Placement II

SOC 305 Group Dynamics

SOC 309 Sociology of Deviance

SOC 403 Marriage and Family

SSC 419 Field Placement I

* Students that elect the Business Track are required to meet prerequisite courses in order to be eligible to enroll in BUS 498 Senior Project: MAR 301 – Principles of Marketing, ACC 211 – Principles of Accounting I, ACC 212 – Principles of Accounting II, FIN 301 – Business Finance, and BUS 403 – Strategic Management

**Students that elect the Social Science Track are required to meet prerequisite courses in order to be eligible to enroll in SSC 423 Senior Project: SSC 300 – Research Methods, PSY 312/SSC 302 – Intro to Statistics and ENG 309 – Advanced Grammar and Composition.

School of **HEALTH AND NATURAL SCIENCES**

The School of Health and Natural Sciences offers majors in Biology, Chemistry, and participates in dual-degree programs in Engineering and in Nursing. (FIU and UM, respectively)

Mission of the School

The School's undergraduate program is broadly inclusive to meet the academic needs of national and international students. The School offers programs that lead to a baccalaureate degree in biology, chemistry, environmental studies, physics, medical technology and ;offers pre-professional programs in engineering, through support courses in physics; and, through collaborations with other institutions, offers dual degree programs leading to a bachelor of science in engineering, and two bachelor of science degrees, one in Biology and the other in Nursing (awarded from the partnering institute).

Natural Sciences provides a challenging and supportive environment that prepares its students for responsible participation and leadership in an ever-changing technologically advanced global society.

The School's primary responsibility is to meet the needs of students in the fields of natural and life sciences. This responsibility is accomplished through teaching, community service, and scholarly activities.

Vision of the School

The School will continue to offer select baccalaureate degrees in the Health and Natural Sciences, which will serve a multi-cultural student body. The School will distinguish itself in preparing students for graduate and professional schools and for careers in scientific and health related fields. The School will provide technical courses in the natural sciences for science education students, as well as meaningful courses for the general education core curriculum. The School's curricula and educational support systems will ensure that every graduate has skills in the following areas:

- Electronic communication
- Disciplinary applications of technology
- Critical thinking and analysis
- Intellectual, cultural, and spiritual development.

The School will promote and stimulate faculty development; and faculty, staff, and student collegiality, and will maintain high standards of scholarship, character, and integrity.

The School will discharge its responsibilities with integrity, civility, and sensitivity, while promoting dignity and respect for others.

Degree Requirements

To be certified for graduation in the School of Health and Natural Sciences students must meet the following requirements:

1. Complete a minimum of 121 credit hours, including all general education requirements, with a minimum cumulative G.P.A. of 2.0,
2. Earn a grade of "C" or better in all major courses
3. Take the departmental exit examination. Earn a grade of "C" (2.0 grade quality points) or better in all science and mathematics courses required for graduation.

Credits in MAT 101, 102, BIO 101, or PSC 101 cannot be applied towards graduation credit in any major offered by the School.

Bachelor of Science in **BIOLOGY**

The School of Health and Natural Sciences offers a program leading to the Bachelor of Science degree in biology. Students must complete a minimum of 36 credit hours of biology. A grade of "C" (2.0 grade quality points) or better must be earned in each biology course with an overall cumulative grade point average of 2.0 or above. Students receiving a D in any course outside their major are strongly encouraged to retake the course. A C- or lower in any major course is not considered passing and must be retaken.

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
BIO 130	Prin of Biology I	3	BIO 132	Prin of Biology II	3
BIO 131	Prin of Bio I Lab	1	BIO 133	Prin of Bio II Lab	1

MAT 111	College Algebra	3	MAT 112	Pre-Calculus	3
REA 101	Crit Think/ Read or	3	REL 101	Intro to Religion	3
ENG 111	First Year Literature		HIS 103	Afri Amer Hist	<u>3</u>
FMU 101	Edu & Life Sem	<u>3</u>			16
		16			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro Pub Speak	3	CSC __	Comp Sci Elect	3
MAT 113	College Trig	3	MAT 205	Prob & Stat	3
BIO 204	General Zoology	3	BIO 206	General Botany	3
BIO 205	General Zoo Lab	1	BIO 207	Gen Botany Lab	1
CHE 110	General Chem I	4	CHE 112	Gen Chem II	4
CHE 111	Gen Chem I Lab	1	CHE 113	Gen Chem II Lab	<u>1</u>
PED 110	Dim of Wellness	<u>2</u>			15
		17			

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BIO300	Human Phys	3	BIO 320	Ecology	3
BIO 301	Human Phys Lab	1	BIO 321	Ecology Lab	1
CHE 210	Organic Chem I	3	CHE 212	Organ Chem II	3
CHE 211	Org Chem I Lab	1	CHE 213	Org Chem II Lab	1
__ 201	Foreign Lang I	3	__ 202	Foreign Lang II	3
BIO 310	Genetics	3	__ __	Humanities Req	<u>3</u>
BIO 311	Genetics Lab	<u>1</u>			14
		17			

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BIO 410	Microbiology	3	__ __	Approved Elect	3
BIO 411	Microbiology Lab	1	BIO 420	Cell Biology	3
PHY 200	College Physics I	3	BIO 421	Cell Biology Lab	1
PHY 201	College Phy I Lab	1	PHY 202	Coll Physics II	3
__ __	History/Govt Req	3	PHY 203	Coll Phys II Lab	1
NSC 453	Senior Project	<u>3</u>	__ __	Soc Science Req	<u>3</u>
		14			14

Approved Electives

BIO 200	Human Anatomy	3
BIO 201	Human Anatomy Lab	1
BIO 220	Comparative Anatomy	3
BIO 221	Comparative Anatomy Lab	1
BIO 302	Plant Physiology	3

BIO 303 Plant Physiology Lab	1
BIO 304 Embryology	3
BIO 305 Embryology Lab	1
BIO 400 Evolution	3
BIO 430 Immunology	3
BIO 431 Immunology Lab	1
BIO 460 Recombinant DNA	3
CHE 214 Quantitative Analysis	3
CHE 215 Quantitative Analysis Lab	1
CHE 430 Biochemistry	3
CHE 431 Biochemistry Lab	1
MAT 200 Applied Calculus	3
MAT 201 Calculus I	3
MAT 202 Calculus II	3

In addition, students must complete all of the general education requirements and the required credits in chemistry, mathematics and physics. Students intending to go to graduate or medical school should consult with their advisor for further information on necessary courses.

Students intending to teach biology in the secondary schools must also meet certification requirements and must consult with the School of Education.

Bachelor of Science in

BIOLOGY/NURSING

(Jointly offered with the University of Miami)

The School of Health and Natural Sciences, in partnership with the University of Miami's School of Nursing, offers a joint bachelor's degree program in biology and nursing. Students completing the program of study at both institutions, as outlined below, will receive a Bachelor of Science in Biology from Florida Memorial University and a Bachelor of Science in Nursing from the University of Miami. To be eligible to transfer to the University of Miami's School of Nursing, students must earn a cumulative grade point average of at least 3.0 in courses taken at Florida Memorial University.

Students who do not complete the two years at UM will be given the opportunity to complete a degree in Biology at Florida Memorial University. Students in the dual biology-nursing program must have three of the following four academic criteria:

1000 or more on the SAT

21 or more on the ACT

3.0 or higher GPA

No remedial classes, including MAT 101/MAT 102

To remain in the dual-degree program, students must earn a "C" or better in all major courses (biology, mathematics, chemistry, and physics) (see course requirements for the Biology-Nursing degree). Students in this dual-degree program can not repeat/retake pre-requisite classes. Students with remedial courses such as DSM 099, DSR 099, DSE 099, MAT 101, MAT 102, are ineligible for the dual-degree program. Given that this dual-degree program is an Honors Biology program, students must maintain a 3.0 GPA every semester. Students who enter the Nursing program who have not met these stated requirements will not receive a biology degree from Florida Memorial University and are ineligible for the tuition reduction at UM.

CURRICULUM AT FLORIDA MEMORIAL UNIVERSITY

FIRST YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
BIO 130	Prin of Biology	3	MAT 113	College Trig	3
BIO 131	Prin of Bio Lab	1	SOC 200	Intro Sociology	3
MAT 111	College Algebra	3	HIS 103	Afri. Amer. Hist	3
REL 101	Intro to Religion	3	PSY 200	Intro to Psy	3
FMC 101	Edu & Life Sem	<u>3</u>			15
		16			

CURRICULUM AT FLORIDA MEMORIAL UNIVERSITY

SECOND YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CHE 110	General Chem I	4	ENG 111	First Year Lit	3
CHE 111	Gen Chem I Lab	1	CHE 112	Gen Chem II	4
COM 103	Intro Pub Spk	3	CHE 113	Gen Chem II Lab	1
—	Foreign Lang Req I	3	—	Foreign Lang Req II	3
BIO 200	Hum Anatomy	3	BIO 300	Human Physio	3
BIO 201	Hum Anatomy Lab	<u>1</u>	BIO 301	Human Physio Lab	<u>1</u>
		15			15

CURRICULUM AT FLORIDA MEMORIAL UNIVERSITY

THIRD YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BIO 310	Genetics	3	PHY 202	College Phy II	3
BIO 311	Genetics Lab	1	PHY 203	Coll Phy II Lab	1
CHE 210	Organic Chem I	3	CHE 212	Org Chem II	3

CHE 211	Org Chem Lab	1	CHE 213	Org Chem II Lab	1
PHY 200	College Physics I	3	BIO 410	Microbiology	3
PHY 201	Coll Phy I Lab	1	BIO 411	Microbiology Lab	1
SSC 302	Intro to Statistics	<u>3</u>	BIO 420	Cell Biology	3
		15	BIO 421	Cell Biology Lab	<u>1</u>
					16

(Recommended courses to take summer or third year NUT 200 Intro to Nutrition, PSY 306 Developmental Psychology)

CURRICULUM AT THE UNIVERSITY OF MIAMI FOURTH YEAR

<u>First Semester</u>		<u>Second Semester</u>	
NUR 311 Conceptual Base of Multicultural Nursing	2	NUR 307 Pharmacology Therapeutics	3
NUR 314 Health Assessment	3	NUR 331 Comm. Based Nurs. Care of Adults and Families I	6
NUR 315 Pathophysiology	3	NUR 334 Comm Based Nurse Care of Wom & Fam.	5
NUR 317 Hum Growth/Dev	2	NUR 335 Older Adults	<u>2</u>
NUR 322 Community Based in the Community Multicultural Nurs. Prac.	<u>6</u>		16
	16		

CURRICULUM AT THE UNIVERSITY OF MIAMI FIFTH YEAR

<u>First Semester</u>		<u>Second Semester</u>	
NUR 400 Theo/Evid Based Prac	2	NUR 440 A Systems App Pop Based Nursing	2
NUR 429 Comm Based Nurs Care of Adults & Families II	6	NUR 441 Professional Role Synthesis	7
NUR 430 Comm Based Nurs	6	NUR 446 Therapeutic Nurse Care of Children & Family	6
Nutrition in Nurs Practice	1		
NUR *Elective	<u>2</u>	NUR 448 Comm Based Psychiatric Mental Health Nursing	<u>6</u>
	16		16

Bachelor of Science in **CHEMISTRY**

The School of Health and Natural Sciences offers programs leading to the Bachelor of Science in Chemistry and the Bachelor of Arts in Chemistry. The Bachelor of Science program is designed for students planning graduate study in Chemistry and related fields of science or careers as professional chemists. The Bachelor of Arts degree program provides the flexibility that satisfies the objectives of students in Pre-Medicine, Pre-Pharmacy, Pre-Optometry, Pre-Dentistry, other allied health fields, and high school teachers. A grade of 'C' or better must be earned in each Chemistry course with an overall cumulative grade point average of 2.0 or above. Grades in chemistry courses of C- or less cannot be counted towards either chemistry major. Students are strongly advised to retake any course with a D, particularly courses in Biology, Physics, or Mathematics.

Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CHE 110	Gen Chem I	4	BIO 130	Prin of Biology	3
CHE 111	Gen Chem I Lab	1	BIO 131	Prin of Bio Lab	1
ENG 101	College Writing I	3	MAT 202	Calculus II	3
MAT 201	Calculus I	3	ENG 102	College Writing II	3
REA 101	Crit Think/Read or	3	CHE 112	Gen Chem II	4
ENG 111	First Year Lit		CHE 113	Gen Chem II Lab	<u>1</u>
FMC 101	Ed & Life Sem	<u>3</u>			15
		17			

SOPHOMORE YEAR

<u>First Semester</u>		<u>Second Semester</u>			
COM 103	Intro to Pub Spk	3	CSC____ Comp Sci Elect	3	
CHE 210	Organ Chem I	3	CHE 212	Org Chem II	3
CHE 112	Org Chem Lab I	1	CHE 213	Org Chem Lab II	1
CHE 214	Quant Analysis	3	CHE 224	Environ Chem	3
CHE 215	Quant AnalyLab	1	MAT 302	Multivari Cal	3
MAT 301	Calculus III	3	REL 101	Intro to Religion	3
PED 110	Dim of Well	<u>2</u>	CHE 225	Env Chem Lab	<u>1</u>
		16			17

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
___	Social Science Req	3	___	202 For Lang Req	3
___	Foreign Lang Req	3	CHE 322	Phy Chem II	3
CHE 320	Physical Chem I	3	CHE 323	Phy Chem Lab II	1
CHE 321	Phys Chem Lab I	1	PHY 252	Phy w/Cal II	4
PHY 250	Physics w/Cal I	4	PHY 253	Phy w/Cal Lab II	1
PHY 251	Phy w/Calc Lab I	<u>1</u>	MAT 205	Prob & Stats	<u>3</u>
		15			15

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CHE 460	Adv Inorg Chem	3	CHE 380	Immunochemist	3
CHE 461	Av Inorg Chem Lab	1	CHE 381	Immunochem Lb	1
___	Afr-Am Hist Req	3	HIS ___	History/Gov't El	3
CHE 430	Biochemistry	3	___	Humanities Elect	3
CHE 431	Biochem Lab	1	NSC 453	Senior Project	<u>3</u>
SSC___	Social Science Req	<u>3</u>			13
		14			

Approved Electives for B.S. in Chemistry

BIO 200 Human Anatomy & Physiology
 BIO 201 Human Anatomy & Physiology Lab
 CHE 340 Survey of Physical Chemistry
 CHE 341 Survey of Physical Chemistry Lab
 CHE 380 Immunochemistry
 CHE 381 Immunochemistry Lab
 CHE 410 Instrumental Analysis
 CHE 381 Instrumental Analysis Lab

Note: Students may take CHE 410/411 at another institution of higher education and transfer the credit.

Bachelor of Arts in

BIOLOGY

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
CHE 110	Gen Chem I	4	CHE 112	General Chem II	4
CHE 111	Gen Chem I Lab	1	CHE 113	Gen Chem II Lab	1
MAT 201	Calculus I	3	MAT 202	Calculus II	3

REA 101	Critical Think/Read or	3	BIO 130	Prin of Biology	3
ENG 111	First Year Literature		BIO 131	Prin of Bio Lab	1
FMC 101	Edu & Life Seminar	<u>3</u>			15
		17			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
COM 103	Intro to Pub Speak	3	CSC ____	Comp Sci Req	3
CHE 210	Org Chem I	3	CHE 212	Organic Chem II	3
CHE 211	Organic Chem I Lab	1	CHE 213	Org Chem II Lab	1
CHE 214	Quant Analysis	3	CHE 224	Environ Chem	3
CHE 215	Quant Analysis Lab	1	CHE 225	Env Chem Lab	1
_____	Elective	3	REL 101	Intro to Religion	<u>3</u>
PED 110	Dim of Wellness	<u>2</u>			14
		16			

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
_____	Social Sciences Req	3	MAT 205	Prob & Stat	3
_____	Foreign Lang I	3	_____	Foreign Lang II	3
CHE 340	Survey Phy Chem	3	BIO 200	Hum Ana & Phy	3
CHE 341	Surv Phy Chem Lab	1	BIO 201	Hum An & Ph Lab	1
PHY 200	Coll Physics I	3	PHY 202	Coll Physics II	3
PHY 201	Coll Physics I Lab	1	PHY 203	Coll Phys II Lab	<u>1</u>
— — —	Elective	<u>3</u>			14
		17			

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
— — —	Major Science Req	3	CHE 380	Immunochem	3
— — —	Afr Amer His Req	3	CHE 381	Immuno Lab	1
CHE 430	Biochemistry	3	_____	Hist/Govt Req	3
CHE 431	Biochem Lab	1	_____	Humanities Req	3
— — —	Social Science Req	3	NSC 453	Senior Project	<u>3</u>
— — —	Elective	<u>3</u>			13
		16			

NOTE: CHE 100 is a preparatory course for science majors who may not be ready for CHE 110. This course will not be used toward a major in any of the degree programs within the Natural Sciences School (Biology, Chemistry, Engineering partnership with FIU, or the Nursing partnership with the University of Miami).

Bachelor of Science in ENVIRONMENTAL STUDIES

The School of Health and Natural Sciences offers a program leading to the Bachelor of Science degree in Environmental Science. Students must complete the ENV Core Curriculum and three of the four resource courses and at least one course and lab from the approved environmental science electives. A grade of "C" or better must be earned in each ENV course, with an overall cumulative grade point average of 2.0 or above.

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	ENG 102	College Writing II	3
BIO 130	Prin of Biology	3	BIO204	General Zoology	3
BIO 131	Prin of Bio Lab	1	BIO205	General Zoo Lab	1
MAT 111	College Algebra	3	MAT 112	Pre-Calculus	3
REA 101	Crit Think & Read or	3	_____	Afri Amer Hist	3
ENG 111	First Year Lit		CSC_____	Computer Sci Req	3
FMC 101	Ed & Life Sem	3			16
		16			

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CHE 110	General Chem I	4	BIO 320	Ecology	3
CHE 111	Gen Chem Lab I	1	BIO 321	Ecology	1
COM 103	Intro Pub Speak	3	CHE 112	Gen Chem II	4
ENV 101	Intro to Env Sci	3	CHE 113	Gen Chem Lab	1
MAT 205	Statistics	3	PSY 200	Intro to Psy	3
— —	Fore Lang Req	<u>3</u>	— —	Foreign Lang Req	3
		17	PED 110	Dim of Wellness	<u>2</u>
					17

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CHE 214	Quant Analysis	3	REL 101	Intro to Religion	3
CHE 215	Quant Anal Lab	1	___ _	Humanities Req	3
ENV___	Resource I	3	ENV 331	Urban Ecology	3
ENV___	Resource II	3	ENV 332	Urban Ecol Lab	1
___ _	Social Science Req	3	ENV 362	Spirit and Nature	3
		13	ENV___	Resource III	3
					16

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ECO 485	Environ Econ	3	ENV 451	Senior Seminar	3
ENV 450	Field Stud Env St	3	_____	BIO/CHE/ENV elect	3
ENV 461	Ecol of South FL	3	_____	BIO/CHE/ENV/el. Lab	1
ENV 462	South FL Ecol Lab	1	_____	History/Govt. Req	3
ENV 471	Environment Policy	<u>3</u>	_____	Elective	<u>3</u>
		13			13

Students must complete all of the general education requirements. Students intending to go to graduate school should consult with their advisor for further information on required courses.

Bachelor of Science in **MEDICAL TECHNOLOGY**

Graduation Requirements

The Bachelor of Science degree in Medical Technology is offered in a 3+1 program. Students in this program enroll in a three year course of study at Florida Memorial University and spend the fourth year in an internship at an accredited school of medical technology. A degree in medical technology will not be awarded without the successful completion of this internship. Students who are not accepted into a school of medical technology at the completion of the three years' course work at Florida Memorial University will be given the option of pursuing a degree in chemistry or biology.

Note: Priority in admission to schools of medical technology is given to students from colleges that have affiliation agreements. Eligibility for admission to schools of medical technology includes, but is not limited to, the following criteria:

- Completion of the four years of prescribed courses towards the bachelor's degree in medical technology.
- Cumulative grade point average of 2.5 or higher.
- Recommendation by the Medical Technology Advisory Committee of the School of Health and Natural Sciences at Florida Memorial University.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BIO 130	Prin of Biology	3	BIO 200	Hum Anat/Phys	3
BIO 131	Prin of Bio Lab	1	BIO 201	Hum Anat/Phys Lab	1
ENG 101	College Writing I	3	ENG 102	College Writing II	3

FMC 101	Ed & Life Sem	3	REL 101	Intro to Religion	3
MAT 111	College Algebra	3	MAT 112	Pre-Calculus	3
CHE 110	Gen Chem I	4	CHE 112	Gen Chem II	4
CHE 111	Gen Chem I Lab	<u>1</u>	CHE 113	Gen Chem II Lab	<u>1</u>
		18			18

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
CHE 210	Org Chem I	3	CHE 212	Organic Chem II	3
CHE 211	Org Chem I Lab	1	CHE 213	Org Chem II Lab	1
CHE 214	Quant Anal	3	BIO 330	Parasitology	3
CHE 215	Quant Anal Lab	1	BIO 331	Parasitology Lab	1
_____	Soc ial Science Req	3	HIST _____	Afri Amer Hist	3
_____	Hist/Govt Req	3	CSC _____	Comp Sci Req	3
_____	Foreign Lang Req	<u>3</u>	_____	Foreign Lang Req	<u>3</u>
		17			17

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
BIO 410	Microbiology	3	BIO 430	Immunology	3
BIO 411	Microbio Lab	1	BIO 431	Immunology Lab	1
CHE 430	Biochemistry	3	COM 103	Intro to Pub Spk	3
CHE 431	Biochem Lab	1	PED 110	Dim of Wellness	2
PHY 200	College Physics I	3	PHY 202	College Physics II	3
PHY 201	College PhyI Lab	1	PHY 203	Coll Phys II Lab	1
PSY 200	Intro to Psych	<u>3</u>	MAT 205	Statistics	<u>3</u>
		15			16

Hospital Internship at an accredited school of medical technology to include:

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
MDT 400	Intro to Med Tech	3	MDT 450	Spec Top Med	2
MDT 410	Clinical Microbio	5	MDT 460	Immun & Serol	3
MDT 420	Immunochemistry	3	MDT 470	Clin Micro/Par	4
MDT 430	Clinical Chemistry	7	MDT 480	Mgmt and Ed	<u>1</u>
MDT 440	Hematology	<u>6</u>			10
		24			

Physics and Dual Degree ENGINEERING

Bachelor of Arts in PHYSICS

The School of Health and Natural Sciences offers a program leading to Bachelor of Arts in Physics. This program is recommended to students who are planning to continue in professional schools or to work in educational and research institutions as well as in industries.

Graduation Requirements

This degree program requires 120 semester credit hours for completion. A grade of C or better is required in each core course, with an overall cumulative grade point average of 2.5 or above.

FRESHMAN YEAR

First Semester

CHE 110	General Chemistry I	4
CHE 111	General Chemistry I Lab	1
ENG 101	College Writing I	3
MAT 201	Calculus I	3
FMC 101	Ed and Life Seminar	3
		14

Second Semester

PHY 250	Physics w/cal I	4
PHY 251	Physics w/cal I Lab	1
MAT 202	Calculus II	3
ENG 102	College Writing II	3
CHE112	General Chemistry II	4
CHE 113	General Chemistry II Lab	1
		16

SOPHOMORE YEAR

First Semester

COM 103	Intro to Public Speaking	3
PHY 252	Physics w/cal II	4
PHY 253	Physics w/cal II Lab	1
		3
CSC 232	Intro. To Programming	3
MAT 301	Calculus III	3
		14

Second Semester

CSC 373	C++ Programming	3
----	Foreign Lang	3
HUM	Humanities with writing I	
		3
PHY 310	Modern Physics I	3
PHY 311	Modern Physics I Lab	1
MAT 205	Statistics	3
		16

JUNIOR YEAR

First Semester

_____	Social Sciences Req	3
_____	Foreign Language I	3
PHY 312	Modern Physics II	3

Second Semester

MAT 401	Differential Equations	3
PHY 320	Thermodynamics	3
PHY 410	Mechanics I	3

PHY 313	Modern Physics II Lab	1	PHY 440	Electromagnetism I	3
PHY 318	Optics	3	_____	Humanities with writing II	<u>3</u>
MAT 302	Multi-variable Calculus	<u>3</u>			15
		16			

SENIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PHY 411	Mechanics II	3	PHY 461	Quantum mechanics II	3
PHY 441	Electromagnetism II	3	PHY 480	Senior Research	3
PHY 470	Senior Physics Lab	2	PHY 462	Statistical physics	3
PHY 460	Quantum mechanics I	3	-----	Approved Elective	3
_____	Social Sciences Req	<u>3</u>	PHY 463	Solid state Physics	<u>3</u>
		14			15

Approved Electives for the Bachelor of Arts in Physics

AST 200 Stellar Astronomy
 MAT302 Multivariable Calculus
 CHE 360 Physical Chemistry I
 CHE 361 Physical Chemistry I Lab
 CHE 362 Physical Chemistry II
 CHE 363 Physical Chemistry II Lab
 CSC 373 C++ programming
 MAT410 Differential Equations
 PHY 462 Statistical Physics
 PHY 463 Solid State Physics
 PHY 465 Semiconductor Physics
 PHY 490 Mathematical Physics I
 PHY 491 Mathematical Physics II
 PHY 495 Laser Physics
 PHY 497 Special Relativity
 PHY 498 General Relativity

Dual Degree

ENGINEERING

Florida Memorial University offers part of a five-year integrated Dual Degree Engineering program in cooperation with Florida International University. In this program, the student attends Florida Memorial University for 3 years and then attends the Engineering School at Florida International University for 2 years. Students enrolled in this program will receive a Bachelor of Science degree in applied physics(FMU)simul-

taneously with an appropriate engineering degree (a Bachelor of Science) from FIU. These include Civil and Environmental Engineering, Computer Engineering, Electrical Engineering, Industrial and Systems Engineering, and Mechanical Engineering.

Graduation Requirements

The Dual Engineering degrees will be awarded only upon the successful completion of prescribed work at both institutions. In order to move into upper level study at FIU, a qualified student (1) must have completed FMU program requirements, (2) must have a cumulative G.P.A. of 2.5 or higher and a grade of "C" or better in all courses, and (3) must be recommended by the program director at Florida Memorial University.

Dual Degree engineering students meeting these qualifications will be admitted as full-time engineering students at Florida International University with full junior standing, or be concurrently enrolled at Florida International University. Students should select their intended field of study in their first year, so that they enroll in appropriate engineering and science preparatory courses.

FRESHMAN YEAR

<u>First Semester</u>			<u>Second Semester</u>		
ENG 101	College Writing I	3	PEG 201	CAD	3
CSC 232	Intro to Programming	3	ENG 102	College Writing II	3
CHE 110	General Chemistry* I	4	SSC	Social Sciences	I
	(Foundations)	3			
CHE 111	General Chemistry I Lab	1	PHY 250	Physics with Calculus I	4
MAT 201	Calculus I	3	PHY 251	Physics with Calculus I Lab	1
— —	Humanities Requirement	<u>3</u>	MAT 202	Calculus II	3
		17	SSC	Social Sciences	
				II(Technology)	<u>3</u>
					17

SOPHOMORE YEAR

<u>First Semester</u>			<u>Second Semester</u>		
HUM	Humanities w/writing I	3	HUM	Humanities w/writing II	3
PEG 201	Computer-Aid Drafting/ Design	3	MAT 302	Multivariable	3
PEG 331	Statics	3	PHY 310	Modern Physics I	3
PHY 252	Physics w/Calculus II	4	PHY 311	Modern Physics I Lab	1
PHY 253	Physics w/Calculus II Lab	1	PEG 332	Dynamics	3
MAT 203	Calculus III	<u>3</u>	CSC 373	C++ Programming/or Visual Prog.+	<u>3</u>
		17			16

JUNIOR YEAR

<u>First Semester</u>			<u>Second Semester</u>		
PHY 312	Modern Physics II	3	PHY 320	Thermodynamics # or Elective	3
PHY 313	Modern Physics II Lab	1	PHY 441	Electromagnetism II	3
PHY 318	Optics	3	PHY 461	Quantum Mechanics II	3
MAT 410	Differential Equations	3	PHY 463	Solid State Physics	3
PHY 440	Electromagnetism I	3	PHY 470	Senior Physics Lab	<u>2</u>
PHY 460	Quantum Mechanics I	<u>3</u>			14
		16			

SENIOR YEAR – FIU (COLLEGE OF ENGINEERING)

Social Sciences I (Foundations of Social Inquiry): Choose one course from (PSY 200 Intro to Psychology; SOC 200 Intro to Sociology; ECO 201 Principles of Macroeconomics and ECO 202 Principles of Microeconomics).

Social Sciences II (Societies and Identities) are: (CSC 202H Technology, HIS 103 African American History I and HIS 335 African in the Modern World) but student must take only CSC 202H Technology.

Humanities with writing I: One from (HIS 101 World Civilization I; HIS 102 World Civilization II and HIS 200 History of United States of America).

Humanities with writing II: One of (REL 101 Intro to Religion and REL 201 Intro to Philosophy).

H Honor English is accepted.

* and General Chemistry II and Lab: for Civil Engineering students.

+ CSC 395 Software Engineering Principle: for computer, electrical and mechanical Engineering students; and Java for computer engineering students.

Bio-Engineering students must see the advisor for the biology and chemistry courses.

Only for engineering programs without thermodynamics at FIU.

Foreign Language I and II are not required for FIU if they have been previously taken in high school.

What courses should be taken in high school to prepare you to be a successful engineer or physicist?

A strong background in mathematics and science will be an asset. If possible, take the most advanced mathematics course your high school offers, along with courses in Chemistry and Physics. Engineers and Physicists

also need to be able to communicate, so take courses that develop your writing and speaking skills.

At Florida Memorial University, a freshman student with a deficiency in Physics and Math at the high school level is recommended to take the following remedial courses: College Algebra (MAT 111), Pre-Calculus (MAT112), College Trigonometry (MAT 113), General Physics I and Lab (PHY140 &141) and General Physics II and Lab (PHY142 &143). Credits in these remedial courses cannot be applied towards graduation credits in Physics and in Engineering. Students in remedial classes (099) may not enroll on upper level classes until all deficiencies, including MAT 101-MAT 113 have been completed with grade C or better.

Minor in Biology

A minor in biology consists of a minimum of 20 credit hours in biology beyond the general education biology requirements. A grade of "C" or better must be earned in each course. The overall cumulative grade point average for the minor must be 2.5 or above. Courses that may be used for the minor must be selected from the list of core and elective biology courses in consultation with the biology advisor.

Minor in Chemistry

A minor in chemistry consists of 16 credits in chemistry courses at the 200 level or above. At least 4 credits must be at the level 300 or above at Florida Memorial University exclusive of CHE 480 and CHE 481 and the chemistry GPA must be 2.00 or higher.

Minor in Ecology

A minor in Ecology consists of the following courses: Introduction to Environmental Science, Ecology and Ecology Lab, Urban Ecology and Ecology Lab, Wetland Ecology and Wetland Ecology Lab, and Ecology of South Florida and Ecology of South Florida Lab. Students should note that there may be prerequisites to these courses.

Minor in Environmental Science

A minor in Environmental Science consists of a minimum of 18 credit hours from the Core Curriculum beyond the General Education requirements. A grade of "C" or better must be earned in every course. The overall cumulative grade point average for the minor must be 2.5 or above. Courses used for the minor must be selected from the list of Core and elective courses in consultation with the environmental studies advisor.

Minor in Physics

Students wishing to minor in Physics must complete at Florida Memorial University a minimum of twenty credit hours of physics (10 credits at the 200 level and 10 credits at the 300 level or above). Students must have a grade of "C" or better in all courses.

COURSE DESCRIPTIONS

All course descriptions listed below are arranged alphabetically by subject area, alphabetically by prefix, and then numerically for those descriptions with the same prefix. The digits in parentheses immediately following the course titles represent the respective semester credit hours given for a course. The first digit of the course number generally indicates the classification level: 0—non-college, 1—freshman, 2—sophomore, 3—junior, 4—senior. The abbreviated codes F, Sp, Su represent the term(s) in which the course is offered, Fall, Spring and Summer, respectively.

SUBJECT AREA COURSE PREFIX(ES)

Accounting	ACC	Health Education	HED
Aviation Sciences	AWS	Honors	ENG,MAT,
Aviation Technology	AVT		.SEM, HIS, SCI, RSC
Biology	BIO	Human Resource Management ..	HRM
Business Management	BUS	Marketing	MAR
Chemistry	CHE	Mathematics	MAT
Communications	COM	Modern Foreign Languages ..	FRE, SPA
Computer Sciences	CSC	Music	MUS
Criminal Justice	CRJ	Music Business	MUB
Dance	DAN	Philosophy	PHI
Drama	DRA	Physical Education	PED
Economics	ECO	Physical Science	PSC
Education	EDU	Physics	PHY
English for Speakers of Other Languages	ESOL	Political Science	POL
English	ENG	Pre-College/Development Studies	DSE, DSM, DSR
English as a Second Language ...	ESL	Pre-Engineering	PEG
Environmental Studies	ENV	Psychology	PSY
Exceptional Student Education ..	ESE	Public Administration	PAD
Finance	FIN	Religion & Philosophy	PHI, REL
Flight Education	AVT	Social Sciences	SSC
General Education ...	CLS, FMC, REA	Social Work	SOW
History	HIS	Sociology	SOC
Geography	GEO	Theatre	THE
		Visual Arts	ART

ACCOUNTING

- ACC 211 Principles of Accounting I (3)

F, Sp, Su

Prerequisite: MAT 101 or MAT 111. A study of basic accounting concepts essential to recording business transactions, preparing financial statements, and interpreting data for financial decisions
- ACC 212 Principles of Accounting II (3)

F, Sp, Su

Prerequisite: ACC 211. A continuation of ACC 211 and the study of basic accounting concepts essential to recording business transactions, preparing financial

statements, and interpreting data for financial decisions.

ACC 311 Intermediate Accounting I (3)

F, Sp

Prerequisite: ACC 212. An in-depth analysis of the underlying concepts of external financial reporting including the preparation and presentation of financial statements.

ACC 312 Intermediate Accounting II (3)

Sp, Su

Prerequisite: ACC 311. A continuation of ACC 311 and the in-depth analysis of the underlying concepts of external financial reporting including the preparation and presentation of financial statements.

ACC 352 Managerial Accounting (3)

F, Sp, Su

Prerequisite: ACC 212. A study of the preparation, analysis, and interpretation of accounting data for management decision-making. The use of computer applications is emphasized.

ACC 411 Advanced Accounting (3)

F

Prerequisite: ACC 312. A study of the theory and practice of accounting for business combinations, multinational enterprises, governmental, and not-for-profit entities.

ACC 431 Auditing I (3)

F

Prerequisite: ACC 312. A study of auditing and attestation standards and procedures. Ethics, the responsibilities of auditors, the collection of evidence, and reporting are examined.

ACC 432 Auditing II (3)

Sp

Prerequisite: ACC 431. A continuation of Auditing I with an in-depth review of internal control, the audit program, and audit procedures. Computer applications are applied to various audit problems.

ACC 434 Federal Income Tax I (3)

F

Prerequisite: ACC 312. A study of federal income taxation with an emphasis on the taxation of individuals. A comprehensive individual income tax return is prepared. Income tax planning and tax research are introduced.

ACC 435 Federal Income Tax II (3)

Sp

Prerequisite: ACC 434. A study of the taxation of partnerships, corporations, estates and trusts, and not-for-profit entities. Income tax research is emphasized. Comprehensive income tax returns are prepared.

ACC 452 Cost Accounting (3)

Sp

Prerequisite: ACC 212. A study of the procedures and principles of cost accounting. Emphasis is on the accumulation, reporting, and use of cost information for purposes of managerial decision-making.

ACC 454 Computer Accounting (Senior Project) (3)**Sp**

Prerequisite: ACC 212 and CSC 101. This course features the use of accounting software in the application of accounting principles with emphasis on new microcomputer technology, database management, general ledger, and spreadsheet analysis.

ACC 455 International Accounting (3)**F**

Prerequisite: ACC 312 or Advisor's Recommendation. A study of international accounting standards, efforts to harmonize accounting standards, problems of accounting for multinational companies, and a comparative analysis of accounting practices in different countries.

ACC 461 Governmental and Nonprofit Accounting (3)**F**

Prerequisite: ACC 312. An analysis of the characteristics and environment of governmental and nonprofit entities, and an in-depth study of the basic concepts and standards of such entities.

ACC 487 Seminar in Accounting (3)**F**

Prerequisite: Senior standing and approval of the Chairperson. Consideration of current issues in Accounting. Readings required from current accounting publications and other related periodicals.

AVIATION SCIENCES

AWS 200 Aviation History (3)**F**

A presentation dealing with the history of aviation and flight from the early attempts to the modern space age. The equipment and the flyers are considered, as well as the underlying developmental rationale for the events and hardware.

AWS 201 Introduction to Aeronautics (3)**F**

Presents an overview of aviation, enabling the student to gain an appreciation of the complexities of the field of aeronautics. Course content includes historical background, fundamentals of flight and aeronautical technology, the social and economic impact of aerospace and future developments, and government regulations.

AWS 210 Basic Aerodynamics (3)**F**

Prerequisite: AWS 201 or AVT 201. The history and development of aerodynamic theory will be introduced, and the student will become familiar with airfoil theory and wing theory. Basic performance parameters will include the use of performance charts. The course will stress subsonic incompressible flow and supersonic compressible flow. Special consideration will be given to transonic flight.

AWS 232 Air Traffic Control (3)**F, Sp**

Prerequisite: AWS 201 or AVT 201. A study of the national air traffic control system with emphasis on basic air traffic control procedures. Course content includes the role of air route traffic control centers, approach controls, control towers, and flight service stations. Also covers communications, navigation procedures, radar operations, and facilities.

AWS 250 Physical Geography (3)

F

A study of the basic concepts of weather and climate, landforms, and topography leading to an understanding of the earth as the human environment.

AWS 270 Aircraft Engines (3)

Sp

Prerequisite: AWS 201 or AVT 201. This course will study aircraft engines to include reciprocating and various turbine configurations. Mechanical relationships, components, power calculations, and performance charts will be emphasized.

AWS 301 Principles of Transportation (3)

F

Prerequisites: AWS 201 or AVT 201. An introduction, survey, and analysis of transportation including rail, motor, air, water, pipeline, and mass transit, with a look at their impact on the social and economic systems of the U.S.

AWS 302 Meteorology (3)

Sp

Prerequisite: AWS 250. Application of meteorological principles to flight operations. Topics include weather observations and forecasts, weather maps, NOTAMS, international weather patterns and information formats, weather radar, TCAS, and the role and responsibilities of ATC in weather observation and reporting.

AWS 305 VFR Tower Operations (3)

F

Prerequisite: AWS 232. Designed to familiarize students with Air Traffic Control procedures in the visual environment. Emphasis is placed on the responsibilities of local, ground, flight data, and coordinator positions. Also included are the regulations which govern flight under visual conditions, separation in the terminal area, and development of controller techniques.

AWS 310 Aviation Legislation (3)

Sp

Prerequisite: AWS 201 or AVT 201. Emphasizes legal concepts concerning aviation as related to aircraft and flight operations, early airmail legislation, contracts, insurance and liability, regulatory statutes, and case law.

AWS 315 ATC Radar Procedures (3)

Sp

Prerequisite: AWS 232. Designed to introduce and to familiarize the student with procedures used in identifying, monitoring, vectoring and separating aircraft utilizing Airport Surveillance Radar (ASR) and Precision Approach Radar (PAR) systems.

AWS 320 Air Transportation (3)

F

Prerequisite: AWS 201 or AVT 201. A survey of the historical development of the air transportation system, including the impact of legislation, problems encountered in commercial air transportation, future industry requirements, airline operations, aviation economics, and social implications.

AWS 340 Passenger Traffic Management (3)

F

Prerequisite: AWS 320. An introductory course covering the human side of transportation. Course content includes passenger public relations, reservations,

ticketing, and regulations pertaining to passengers.

AWS 351 Aviation Labor Relations (3)**Sp**

Prerequisite: AWS 320. An analysis of labor and management relationships and their often differing goals. Course content includes historical development, unions and collective bargaining, contracts, labor legislation, and the role of government.

AWS 360 Transportation Economics (3)**Sp**

Prerequisite: AWS 320. An analysis of rate making and economic policies of the passenger and cargo segments of the various modes of transferal including truck, railroad, airline, and ocean transportation. Also covers business economic operations such as costs, pricing, capital formation, and analysis of marketing problems.

AWS 390 Airline Management (3)**F**

Prerequisite: AWS 320. The application of management principles to airline operations. Emphasis is on the characteristics of airline financing, marketing, scheduling, facilities planning, maintenance and governmental relations and regulations.

AWS 395 Airport Management (3)**Sp**

Prerequisite: AWS 320. A comprehensive study of airport operations and management including analysis of the role of the airport manager in planning, finance and administration, public relations, operations and facility maintenance.

AWS 401 The National Airspace System (3)**F**

Prerequisite: AWS 320. An overview of the National Airspace System Plan. Course covers problems encountered in implementing the system, airspace allocation and usage, facilities, safety considerations, new developments in electronic navigation and control systems, economic impact, and social and political implications.

AWS 415 Seminar in Aviation Science (3)**F**

This course will provide a format for the aviation student to receive exposure to guest lectures, present special aviation topics and participate in group discussion on current topics in aviation.

AWS 418 Cockpit Resources Management (CRM) (3)**Sp**

This course will apply the theory and methods developed in the Aviation psychology course and will focus on the knowledge in a cockpit setting. The emphasis will be on the human factors aspects of cockpit crew management and additional psychological concepts as they relate to cockpit management.

AWS 420 Flight Safety (3)**F**

Prerequisite: AWS 201. A presentation and analysis of factors and procedures relating to aviation safety. Includes techniques for accident prevention, development of safety programs, procedures used in accident investigation, the human factor (physiological and psychological), and the effect of weather on safety.

AWS 425 Aircraft Accident Investigation (3)

Sp

Prerequisites: AWS 201 or AVT 201 and AWS 320. A course designed to acquaint the aviation student with procedures, techniques, and methods of determining causes of accidents. The roles of the various investigative bodies, and their responsibilities and obligations will be stressed.

AWS 430 Flight Physiology (3)

Sp

Prerequisite: AWS 201 or AVT 201. The course will focus on human factor considerations related to the aerospace environment, including both the psychological and physiological concerns. Special topics will include the cause, symptoms, prevention, and treatment of flight environment disorders.

AWS 440 Management Decision Making (3)

Sp

Prerequisite: BUS 231. This course examines the processes used by managers and executives to make decisions which affect the internal functions and external environments of their organizations. Managerial problem solving, strategic planning, organizational processes and procedures, and leadership and motivation are covered.

AWS 450 Thesis in Aviation Studies (3)

F, Sp

Prerequisite: Permission of the Chairperson. A review of all aviation course work completed by the student. The student will complete a major aviation research paper which must be presented before an audience of departmental and/or university faculty members.

AWS 490 Independent Study in Aviation (3)

F, Sp, Su

Prerequisite: Upper-level Standing. This course provides academic credit to upper-level students for independent study, research, problems and special investigations, and/or special readings authorized by the Dean and supervised by a designated, consenting faculty member. Cannot be taken concurrently with Independent Study in Aviation (AWS 491).

AWS 491 Advanced Independent Study in Aviation (6)

F, Sp, Su

Prerequisite: Upper-Level Standing. This course provides academic credit to upper-level students for independent study, research, problems and special investigations, and/or special readings authorized by the Dean and supervised by a designated, consenting faculty member. Cannot be taken concurrently with Independent Study in Aviation (AWS 490).

AWS 498 Cooperative Education in Aviation I (1-6)

F, Sp, Su

Prerequisite: Permission of the Chairperson. Provides entry level aviation and/or transportation work experience with a federal, state, or local government agency, private business, or other agency.

AWS 499 Cooperative Education in Aviation II (1-12)

F, Sp, Su

Prerequisite: Permission of the Chairperson. Provides advanced aviation and/or transportation work experience with a federal, state, or local government agency, private business, or other agency.

BIOLOGY

BIO 101 Biological Science (3)

F, Sp, Su

This course is for non-science majors only. Fundamental concepts in biology are presented. Topics include structure and functions of cells, introductory genetics, reproduction, and physiology. Emphasis is on human organ systems.

BIO 130 Principles of Biology (3)

F, Sp, Su

Co-requisite: BIO 131. This course deals with basic biological principles and how they are interrelated, the scientific and biological study of living systems, and the organizational structure of the living world at all levels of organization from the molecule to the biosphere. The principles of chemistry and biochemistry and the functional and operational properties of living matter are included.

BIO 131 Principles of Biology Laboratory (1)

F, Sp, Su

Co-requisite: BIO 130. This laboratory involves the study of the use of the compound microscope, examination of living cultures of protozoa and other organisms, microscopic examination of animal and plant cells, animal tissues, identification of biological molecules, enzyme action, fermentation, cellular respiration, photosynthesis, mitosis, and dissection of frogs.

BIO 132 Principles of Biology II (3)

F, Sp, Su

Pre-requisites: BIO 130 and BIO 131 with grade of "C" or better in both classes. This course is a continuation of BIO 130, with special emphasis on evolution, ecology, characterizations of fungi, protozoans, plants, and animals.

BIO 133 Principles of Biology Laboratory II (1)

F, Sp, Su

Co-requisite: BIO 132. This course is a continuation of BIO 131, and includes Medelian genetics, molecular biology, population genetics, bacteriology, plant diversity and physiology, animal diversity and physiology, animal development and ecology.

BIO 200 Human Anatomy and Physiology (3)

F, Sp, Su

Prerequisites: BIO 101, or BIO 130 and 131. Structure and functions of various organs and systems in the human body.

BIO 201 Human Anatomy and Physiology Lab (1)

F, Sp, Su

Co-requisite: BIO 200. Anatomical and physiological study of the integumentary system, skeletal system, muscular system, nervous system, circulatory system, sensory system, lymphatic system, endocrine system, and the reproductive system. Students may be required to visit a local morgue to observe an autopsy.

BIO 204 General Zoology (3)

F, Sp, Su

Prerequisites: BIO 130 and 131. Co-requisite: BIO 205. Biology of invertebrates and vertebrates, including the structures of the body and its organization into special systems that carry on essential life processes. The more general phases of animal existence—reproduction, heredity, distribution, and evolution—are included, in addition to an introduction to classifying and naming animals.

BIO 205 General Zoology Lab (1)

F, Sp, Su

Co-requisite: BIO 204. Study of the classification of living organisms, including all the invertebrate and vertebrate phyla.

BIO 206 General Botany (3)

F, Sp, Su

Prerequisites: BIO 130 and 131. An organic approach to plant biology is emphasized along with the structural and functional relationships of plant organs, with special attention given to physiological activities. Other aspects of the course are photosynthesis, fundamental concepts of biology, regulation, growth and development of seed plants, life cycles, reproduction and success in the plant kingdom, and dynamics of plant populations and ecology.

BIO 207 General Botany Lab (1)

F, Sp, Su

Co-requisite: BIO 206. Morphological and anatomical study of seeds, roots, stems, leaves, flowers, and fruits. It includes field trips to local botanical gardens to study the local flora and their taxonomy.

BIO 220 Comparative Anatomy (3)

F, Sp, Su

Prerequisites: BIO 204 and 205. Co-requisite: BIO 221.. Basic patterns of vertebrate structure and development, and the functions of these structures in terms of adaptive significance.

BIO 221 Comparative Anatomy Lab (1)

F, Sp, Su

Co-requisite: BIO 220. A comparative study of the anatomy of various vertebrates, such as the shark, perch, frog, lizard, pigeon, fetal pig, and cat.

BIO 300 Human Physiology (3)

F, Sp, Su

Prerequisites: BIO 204 and 205. Co-requisite: BIO 301.. The basic principles and concepts of human physiology. Topics include cell physiology, the nerve-muscle unit, blood, body fluids and the kidneys, heart and circulation, respiration, endocrinology and reproduction, as well as digestion, energy, metabolism, and temperature control.

BIO 301 Vertebrate Physiology Lab (1)

F, Sp, Su

Co-requisite: BIO 300. Study of the cardiovascular system, respiration and metabolism, blood, renal function and homeostasis, neural stimulation of muscle contraction, digestion of starch, egg albumen and fat by enzyme action, endocrine system and reproduction.

BIO 302 Plant Physiology (3)

F, Sp, Su

Prerequisites: BIO 206 and 207. Co-requisite: BIO 303.. Metabolism of plants; physical, chemical and environmental influences on plant metabolism; regulation and control of photosynthesis; structural and functional properties of metabolites; organization and operation of the principal metabolic activities; growth regulations and development of plants; tropisms; hormones; and a laboratory approach to the study of agricultural, horticultural, and floricultural methods.

BIO 303 Plant Physiology Lab (1)**F, Sp, Su**

Co-requisite: BIO 302. Physiology of seeds, seed germination, seed testing, photosynthesis, respiration, translocation, transpiration, plant growth and development, auxins and growth hormones.

BIO 304 Embryology (3)**F, Sp, Su**

Prerequisites: BIO 204 and 205. Co-requisite: BIO 305.. Study of the development of amphibian, avian and mammalian embryos from gametogenesis through organogenesis.

BIO 305 Embryology Lab (1)**F, Sp, Su**

Co-requisite: BIO 304. Gametogenesis, maturation and fertilization in ascaris, sea urchin development, starfish development, early development of the frog, chick, and pig embryo.

BIO 310 Genetics (3)**F, Sp, Su**

Prerequisites: BIO 204 and 205. Co-requisite: BIO 311. Study of the mechanisms of inheritance in organisms and populations, genes, DNA, chromosomes, mutations, genome, pedigrees, and genetic engineering.

BIO 311 Genetics Lab (1)**F, Sp, Su**

Co-requisite: BIO 310. The study of mitosis; meiosis; animals, human beings, and plant chromosomes, salivary gland chromosomes; preparation of human leucocyte chromosomes; karyotyping; genetic ratios; gene frequency; human genetic traits from phenotypes; and pedigree analysis.

BIO 320 General Ecology (3)**F, Sp, Su**

Prerequisites: BIO 204 and 205 or permission of advisor. Co-requisite: BIO 321.. A general study of the interaction of individual organisms, populations, and communities with their environment. Particular emphasis is placed on the ecology of South Florida and the major ecological crises facing this area.

BIO 321 General Ecology Lab (1)**F, Sp, Su**

Co-requisite: BIO 320. The study of the distribution of plant and animal communities, habitats, ecosystems and the effects of man on environment. Field trips are included.

BIO 330 Parasitology (3)**F, Sp, Su**

Prerequisites: BIO 130 and 131. Co-requisite: BIO 331. An introduction to the morphology, classification, life history, pathology, and control of parasitic and symbiotic forms of life.

BIO 331 Parasitology Lab (1)**F, Sp, Su**

Co-requisite: BIO 330. The study of common human and animal parasites working with preserved and/or prepared specimens.

BIO 400 Evolution (3)

F, Sp, Su

Evolutionary mechanisms and theories, sources of variation, adaptation, speciation, and macroevolution, origin of life, and humankind.

BIO 410 Microbiology (3)

F, Sp, Su

Prerequisites: BIO 204 - BIO 207, CHE 110 - CHE 113, and CHE 210 - CHE 213.. Except for Biology/Nursing students. Co-requisite: BIO 411. A detailed investigation of the prokaryotic cell; structural and functional characterization of the major groups; physiological activities of the role of bacteria in the environment, emphasizing agricultural, ecological and commercial usefulness; basic concepts of immunology, virology, and pathology; laboratory culture techniques and aseptic procedures; taxonomy and characterization of bacterial species; and environmental influence on growth and availability of species.

BIO 411 Microbiology Lab (1)

F, Sp, Su

Co-requisite: BIO 410. Experiments and techniques in culture, growth, maintenance, and sterilization of microbes such as bacteria, algae, fungi, and viruses.

BIO 420 Cell Biology (3)

F, Sp, Su

Prerequisites: BIO 204 - BIO 207, CHE 110 - CHE 113, CHE 210 - CHE 213.. Except for Biology/Nursing students. Co-requisite: BIO 421. A study of the fine structure of eukaryotic and prokaryotic cells, the chemical composition and organization of cells, cell metabolism and bioenergetics, the ultrastructural and molecular organization and functions of each major cell organelle or structural component, and the molecular basis of the genetic code and gene expression.

BIO 421 Cell Biology Lab (1)

F, Sp, Su

Co-requisite: BIO 420. Biochemical measurements of carbohydrates; lipids and proteins in plasma; thin layer chromatography of amino acids, amino acid sequencing; gel electrophoresis of blood proteins; measurements of enzyme activity; reactions of nucleic acids; DNA fingerprinting; mutations in yeast; transposon mutagenesis; tissue printing; and specimen preparation for light microscopy.

BIO 430 Immunology (3)

F, Sp, Su

Prerequisites: BIO 204, 205, 206 and 207 or permission of instructor. Co-requisite: BIO 431.. A detailed investigation of the tissues, cells and biochemical components of the immune system, and the role of immune responses in the diagnosis and prevention of disease.

BIO 431 Immunology Lab (1)

F, Sp, Su

Co-requisite: BIO 430. Agglutination reactions, precipitation and flocculation tests, enzyme immunoassays, common immunologic and serologic tests, pregnancy tests, antihuman globulin reaction (Coomb test).

BIO 440 Research I (3)

F, Sp, Su

Prerequisite: Permission of instructor. An introduction to the techniques of scien-

tific investigation. Students, with the help of the instructor, will choose a problem in biology and design a procedure for investigation. The problem may not be original; the purpose is to help students broaden and integrate their backgrounds in the biological sciences. Students write reports on their investigation with well documented supporting evidence and present them to the instructor. Then they defend their investigation orally before colleagues, faculty, and visitors during the final week of the semester.

BIO 441 Research II (3)**F, Sp, Su**

Prerequisite: BIO 440 and Permission of instructor. Open to students who have successfully completed or want to continue with their investigation of the problem that they have chosen in BIO 440.

BIO 460 Recombinant DNA (6)**F, Sp, Su**

Prerequisites: BIO 130, 132, and 133 All with a grade of "C" or better, or permission of instructor(s). This course is a combined lecture/laboratory course which will serve as a contemporary course on the basic principles, essential laboratory activities and relevant social issues and concerns prevalent in the current molecular biology revolution.

NUT 200 Introduction to Nutrition (3)**F, Sp, Su**

Prerequisite: BIO 130 and BIO 131. This is a basic nutrition course designed to teach pre-nursing students and PE/health education majors basic concepts in nutrition and increase their awareness of dietary habits. The course will also enable the student to build a foundation of knowledge that may be used to evaluate nutritional information from varied sources. Emphasis will be placed on understanding the role of essential nutrients, their digestion, absorption and metabolism, food sources, and disease status incurred from deficiencies.

BUSINESS ADMINISTRATION

BUS 210 Applied Mathematics in Business (3)**F, Sp**

Prerequisite: MAT 102 OR MAT 111. A representation of basic mathematical concepts, algebraic functions, and their applications in business practices.

BUS 211 Principles of Management (3)**F, Sp, Su**

Prerequisite: First Semester Sophomore standing. An introductory management course dealing with the fundamental principles of management: planning, organizing, staffing, leading and controlling. The systems concept of management and the role of the manager in each level of the organization are emphasized.

BUS 215 Quantitative Methods for Business & Economics (3)**F, Sp**

Prerequisite: MAT 102. To integrate quantitative subjects with business decision making analysis. The following topics are covered: matrix algebra, the concept of derivatives and its rules, and optimization. Emphasis is on business application of the above stated concepts.

BUS 240 Introduction to Hospitality Management (3) **Sp**
Prerequisite: Sophomore standing. A survey course providing an overview of the hospitality industry: its history, problems and general operating procedures.

BUS 310 Business Mathematics (3) **F, Su**
Prerequisite: MAT 102 OR MAT 111. This course explores mathematical problems involved in business merchandising, payrolls, calculation of simple and compound interest, discount rates, insurance, credit, and taxes.

BUS 311 Business Law I (3) **F, Sp, Su**
Prerequisite: BUS 211. This course involves the study of the legal environment of business, contracts, personal and real property, bailments, and agency.

BUS 312 Business Law II (3) **Sp, Su**
Prerequisite: BUS 311. A continuation of BUS 311 with emphasis on commercial paper, sales, partnerships, corporations, and government regulation of business.

BUS 320 Business Statistics I (3) **F, Sp, Su**
Prerequisite: MAT 102. A review of mathematical procedures, probability, and sampling distributions as they are used in business.

BUS 321 Business Statistics II (3) **F, Sp**
Prerequisite: BUS 320. In addition to theoretical presentation, this course will cover computer-based practical application of regression theory, and linear application of the following topics: linear regression modeling and the principles of least squares, multicollinearity and auto correlation, multiple regression, and the analysis of variance.

BUS 344 Business Organization and Management (3) **F, Sp, Su**
Prerequisite: BUS 211, Sophomore standing. The practice of managing individuals and groups in today's dynamic business environment. Emphasis is placed on skills needed for managerial success. Case studies and exercises are utilized.

BUS 345 Business Communications & Technical Writing (3) **F, Sp, Su**
Prerequisite: Junior standing. A study of the techniques and approaches in writing business technical documents, including business plans, reports, proposals, newsletters, resumes, brochures and annual reports. Emphasis is on organization, data gathering, writing style, content and the packaging of documents.

BUS 353 Principles of Insurance (3) **Sp, Su**
Prerequisite: MAT 102, Junior standing. A study of the basic principles of insurance and theory of risks. Emphasis is on the following coverage: fire, marine, health, accident, and casualty.

BUS 355 Principles of Real Estate (3) **F**
Prerequisite: BUS 311, Junior standing. This course covers land economics, prin-

ciples of real estate finance including the study of federal and state practices in mortgages, brokerage, building and construction, marketing, appraisal, and real estate law.

BUS 361 Leadership Applications**F, Sp**

Prerequisite: BUS 211. An examination of contemporary leadership issues through application. Topics include leadership theories, leadership ethics and values, group dynamics, organizational behavior and the dynamics of power. Emphasis is placed on understanding leadership as a mind set and as a tool.

BUS 371 Cooperative Education in Business (6)**F, Sp**

Prerequisite: Permission of the Dean. Provides students with an opportunity to alternate periods of academic training with employment in business-related environment. The course intends to improve the student's practical experience while receiving financial compensation. Approval of the Dean/Department Chairman and the director of cooperative education is required.

BUS 372 Cooperative Education in Business (12)**F, Sp**

Prerequisite: Permission of the Dean. Provides students with an opportunity to alternate periods of academic training with employment in business-related environment. The course intends to improve students' practical experience while receiving financial compensation. Approval of the Dean/Department Chairman and the director of cooperative education is required.

BUS 394 Business Ethics and Society (3)**F, Sp, Su**

Prerequisite: Junior standing. Introduces students to the general relationship between a business organization and the ethical, legal, political, social and international environments in which it operates. Business is examined as one of the nation's basic institutions which needs to be profitable while also fulfilling a social role.

BUS 400 Entrepreneurship (3)**F, Sp**

Prerequisite: BUS 211. The study of the general theories, principles, concepts, and practices of creating and launching a new business. This includes identifying opportunities, preparing a business plan, and locating sources of finance.

BUS 403 Strategic Management (3)**F, Sp**

Prerequisites: ACC 212, BUS 211, MAR 301, FIN 301. An advanced course designed to integrate a student's knowledge of management, marketing, finance and accounting in order to formulate, implement and evaluate business strategies.

BUS 404 International Business (3)**F, Sp**

Prerequisite: BUS 211. Introductory analysis of a multinational organization with emphasis given to international trade and investment, foreign exchange and financial markets, and the cultural and political interaction between a multinational corporation and the host societies.

BUS 420 Operations Research (3)

F, Sp

Prerequisites: BUS 215, BUS 320. An introductory course in operations research. Principles and application of influence charts and decision models for linear programming, networks, queuing, inventory and transportation. A working knowledge of a spreadsheet program is mandatory.

BUS 450 Business Internship & Seminar (3)

F, Sp

Prerequisite: Senior standing or approval of the advisor. The course focuses on interviewing techniques, resume and cover letter writing skills, interpersonal skills, and career planning are emphasized. It also provides students with professional work experience and on-the-job training in the business sector.

BUS 480 Managerial Psychology (3)

F, Su

Prerequisite: BUS 211. A survey of people oriented aspects of management with emphasis on managerial and organizational theory which affects human engineering, psychology and labor relations.

BUS 487 Seminar in Management

F, Sp

Prerequisite: Junior standing and approval of the advisor. This course examines consideration of current issues in management. Readings required from current management publications and other related periodicals.

BUS 498 Senior Project in Business (3)

F, Sp

Prerequisites: BUS 403, Senior Standing. A "capstone" class in business which requires students to demonstrate competence in all areas of business by way strategic case analysis and computer simulation. It is preferred that students take this course their last semester and they will be required to make real world business decisions by utilizing all of the skills they have acquired throughout their program of study.

BUS 499 Independent Study (3)

F, Sp, Su

This course provides independent study of specific areas with direction and supervision of business faculty.

CHEMISTRY

CHE 100 Introduction to Chemistry (3)

F, Sp, Su

An introductory course for the investigation of chemical understanding that is designed for first-year students who are not ready to take the more rigorous and challenging CHE 110/112 series. Concepts of atoms, atomic structure, and molecules will be presented. The manner by which atoms interact, the writing of chemical equations, pH, the chemistry of water, and solutions, equilibrium, and biological as well as organic molecules will be introduced.

CHE 110 General Chemistry I (4)

F, Sp, Su

Co-requisites: MAT 111 and CHE 111. This course is an introduction to basic principles of modern chemistry, including atomic structure, chemical formulas, chemical equations, bonding, stoichiometry, and properties of gases.

CHE 111 General Chemistry I Laboratory (1)**F, Sp, Su**

Co-requisite: CHE 110. An introduction to basic chemical laboratory principles and techniques including physical properties, physical measurements, percent composition, empirical formulas, types of chemical reactions, molar calculations, and calorimetry.

CHE 112 General Chemistry II (4)**F, Sp, Su**

Prerequisite: CHE 110 Co-requisite: CHE 113. This course is a continuation of CHE 110, including kinetics, equilibria, oxidation-reduction, acid-base theory, periodicity, nuclear chemistry, and organic chemistry.

CHE 113 General Chemistry Laboratory II (1)**F, Sp, Su**

Co-requisite: CHE 112. A continuation of CHE 111, including experiments dealing with kinetics, acid / base titration, and the qualitative analysis of metal ions.

CHE 210 Organic Chemistry I (3)**F, Sp, Su**

Prerequisites: CHE 112 and 113. Co-requisite: CHE 211. An introduction to the fundamentals of organic chemistry—the chemistry of carbon compounds. It covers chemical nomenclature, bonding, structure, reactivity, molecular properties, stereochemistry, reaction mechanisms, and synthesis.

CHE 211 Organic Chemistry I Lab (1)**F, Sp, Su**

Co-requisite: CHE 210. Applications of theory to techniques of identification, characterization, and reactions in chemical synthesis; purification, distillation, crystallization and evaporation, filtration, identification, characterization, melting and boiling point determination, spectroscopy and chromatography.

CHE 212 Organic Chemistry II (3)**F, Sp, Su**

Prerequisite: CHE 210. Co-requisite: CHE 213. Organic synthesis reactions—Grignard, Friedel-Craft, Diels-Alder, Wittig, and Michael reactions; IR, NMR, UV-VIS, MS spectroscopy.

CHE 213 Organic Chemistry II Lab (1)**F, Sp, Su**

Co-requisite: CHE 212. Techniques of chemical synthesis and methods of following chemical reactions and validating synthetic processes. Reactions covered are Diels-Alder, Wittig, Grignard, Friedel-Craft, halogenation.

CHE 214 Quantitative Analysis (3)**F, Sp, Su**

Prerequisite: CHE 112. Co-requisite: CHE 215. Fundamentals of classical quantitative analysis, including gravimetric, volumetric, acid-base, redox, compleximetric, potentiometric, and absorptiometric analyses.

CHE 215 Quantitative Analysis Lab (1)**F, Sp, Su**

Co-requisite: CHE 214. Analytical laboratory techniques in quantitative analysis to include the principles of gravimetric, titrametric, and spectrophotometric analysis to quantitate material in a sample.

CHE 224 Environmental Chemistry (3)

F, Sp, Su

Prerequisites: CHE110 and CHE 112 or permission of instructor. Co-requisite: CHE 225 Environmental chemistry is concerned principally with the chemical aspects of problems that human beings have created in the natural environment. The chemistry of ozone layer, ground-level air chemistry and air pollution, the greenhouse effect and global warming, toxic chemicals, energy production and its environmental consequences will be discussed.

CHE 225 Environmental Chemistry Lab (1)

F, Sp, Su

Co-requisite: CHE 224. A study of the various pollutants and determination of their residues by physical and analytical methods.

CHE 340 Survey of Physical Chemistry (3)

F, Sp, Su

Prerequisites: CHE110 and CHE 112 or permission of instructor. Co-requisite: CHE 341. An introduction to the main principles of physical chemistry including fundamentals of thermodynamics as applied to gases, liquids and solutions, chemical equilibria, chemical kinetics and atomic structure.

CHE 341 Survey of Physical Chemistry Lab (1)

F, Sp, Su

Co-requisite: CHE 340. Representative experiments in physical chemistry designed to supplement CHE 340 including thermochemistry, phase diagrams, colligative properties, electrochemistry and chemical kinetics.

CHE 360 Physical Chemistry I (3)

F, Sp, Su

Prerequisites: CHE 110, CHE 112 and MAT 201. Co-requisite: CHE 361. A study of the kinetic theory of gases, enthalpy and entropy, phase diagrams, thermodynamics, colligative properties, chemical equilibrium and equilibrium electrochemistry.

CHE 361 Physical Chemistry I Lab (1)

F, Sp, Su

Co-requisite: CHE 360. Laboratory experiments designed to supplement CHE 360. Experiments related to thermochemistry, thermodynamics, phase behavior, colligative properties and chemical equilibrium will be included.

CHE 362 Physical Chemistry II (3)

F, Sp, Su

Prerequisite: CHE 360 or permission of instructor. Co-requisite: CHE 363. A study of the introduction to quantum theory, atomic structure and atomic spectra, electronic transitions, rotational and vibrational spectra, magnetic resonance, X-ray diffraction, catalysis and molecular reaction dynamics.

CHE 363 Physical Chemistry Lab II (1)

F, Sp, Su

Co-requisite: CHE 362. Laboratory experiments designed to supplement CHE 362. Experiments related to spectroscopy, kinetics, colloids, electrochemistry, diffusion and thermochemistry are performed.

CHE 380 Immunochemistry (3)**F, Sp, Su**

Prerequisites: CHE 112 and CHE 210 or permission of instructor. Co-requisite: CHE 381. A study of the developments in immunochemistry, humoral and cell-mediated immunity, general types and other aspects of immunity, antibody-antigen binding, antibody-antigen reactions, antibody-hapten equilibrium expressions and Scatchard plot, intrinsic and multivalent binding, lattice theory, cross reactivity, double-diffusion ("Ouchterlony") method, immunoelectrophoresis, radial immunodiffusion, radioimmunoassay and enzyme-linked immunosorbent assay (ELISA).

CHE 381 Immunochemistry Lab (1)**, Sp, Su**

Co-requisite: CHE 380 or permission of instructor. A study of the basic techniques in immunochemistry, agglutination methods, precipitation reactions, double immunodiffusion, radial immunodiffusion (RID), enzyme immunoassay (EIA), and electrophoresis techniques.

CHE 410 Instrumental Analysis (3)**F, Sp, Su**

Prerequisites: CHE 214, CHE 360, CHE 362 and PHY 252 or permission of instructor. Co-requisite: CHE 411. A study of Instrumental methods of chemical analysis including modern spectrometric methods: nuclear magnetic resonance, infrared, visible, ultraviolet and mass spectroscopy; chromatographic methods: gas-liquid and high-performance liquid chromatography.

CHE 411 Instrumental Analysis Lab (1)**F, Sp, Su**

Co-requisite: CHE 410. Modern methods of quantitative analysis including nuclear magnetic resonance (NMR) spectrometer, mass spectrometer, UV-VIS spectrophotometer, GC and high-performance liquid chromatography (HPLC).

CHE 430 Biochemistry (3)**F, Sp, Su**

Prerequisites: CHE 212 and 213. Co-requisite: CHE 331. Chemistry of proteins, carbohydrates, lipids, nucleic acids, vitamins; intermediary metabolism; biosynthesis of biomacromolecules; properties of enzymes, and molecular genetics.

CHE 431 Biochemistry Lab (1)**F, Sp, Su**

Co-requisite: CHE 330. Application of the principles of spectrophotometry, enzyme kinetics, chromatographic separation of materials, electrophoresis, centrifugation, and isolation of biological products.

CHE 460 Advanced Inorganic Chemistry (3)**F, Sp, Su**

Prerequisites: CHE 214, CHE 360 and CHE 362 or permission of instructor. Co-requisite: CHE 461. A study of atomic structure, molecular shape and symmetry, bonding and structure of inorganic compounds, solution chemistry, ligand field theory, organometallic compounds and advanced topics on reaction mechanisms of d-block complexes and photochemical reactions.

CHE 461 Advanced Inorganic Chemistry Lab (1)

F, Sp, Su

Co-requisite: CHE 460. Ligand substitution reaction, rate laws, substitution in square-planar complexes, and substitution in octahedral complexes; synthesis of inorganic compounds and determination of their physical and chemical properties.

NSU 453 Senior Project (3)

F, Sp

Prerequisites: Senior standing and majoring in chemistry or permission of instructor. The student works on a research project under the direction of a member of the chemistry faculty.

COMMUNICATIONS

COM 103 Introduction to Public Speaking (3)

F, Sp, Su

This course is designed to develop and improve skills in speech communication and delivery by exposure to various types of speeches and audiences.

COM 203 Newswriting & Reporting (3)

F

Prerequisite: Sophomore Standing. This course focuses on the principles and practices of gathering, writing, and editing news and feature material for dissemination in mass media. It introduces students to reporting and writing skills fundamental to journalism and related fields.

COM 205 Public Relations Writing (3)

F

Prerequisites: COM 203, 204. Developing students' skills in writing speeches for special occasions, focusing on business and politics.

COM 294 Writing for Electronic Media (3)

Sp

Prerequisite: COM 203. Introduction to writing for radio and television with emphasis on news, features, and script preparation.

COM 301 Survey of Mass Communications (3)

F

Prerequisite: Sophomore Standing. The student will gain understanding of and insight into the mass media.

COM 304/SSC 304 Cultures & Film (3)

F, Sp, Su

This course will view independently and commercially made films. The analytical perspective is socio-cultural. A study of the cultural aesthetic, the political economy, the history and ideas of social living through films and selected readings, focusing on African, Latin American, Asian and Francophone film.

COM 306 Business and Professional Speaking (3)

Sp

Prerequisite: COM 103. Preparation and presentation of longer speeches based upon the purposes and occasions of speaking. Emphasis is on techniques of persuasion and careful construction of speeches based upon analysis of actual audiences.

COM 308 Voice and Diction (3)**Sp**

Developing effective articulation, focusing on pronunciation, intonation, rhythm and phrasing and on vocal anatomy and fundamentals of the science of sound.

COM 314 Principles of Public Relations (3)**F**

Prerequisites: COM 203, 204. Historical background and modern functioning of the press in a democratic society. Evaluation of media presentation.

COM 317 Publications Design (3)**Sp**

Prerequisites: 203, 205. A lecture and laboratory course teaching techniques of design, layout, and production of publication materials, such as brochures, newsletters, in-house magazines, using the computer.

COM 318 Case Studies in Public Relations (3)**Sp**

Prerequisites: COM 203, 204, 301. Case studies and typical public relations problems in industry, labor, education, government, social welfare and trade associations. Emphasis on research methods.

COM 319 International Mass Communications (3)**F**

Prerequisites: COM 203, 204, 301. This course is designed to help students gain an understanding of world mass media—their composition, their operation, their impact on populations—and policies used by countries to develop or regulate them.

COM 320 International Public Relations (3)**Sp**

Prerequisites: COM 203, 300, 301. This course provides students with insights into how organizations, corporations and public relations practitioners operate globally. It examines public relations on an international level by incorporating culture, international practices, culturally sensitive development and cases into coursework.

COM 323 Organizational Communication (3)**Sp**

Prerequisites: COM 203, 304, 205, 300, 301. This course investigates the role of communication in creating a productive organizational environment. It aids students in developing and strengthening their communication skills by focusing on interpersonal, group, and presentation exercises.

COM 325 Public Opinion & Propaganda (3)**F**

Prerequisites: COM 203, 301. This course examines the nature of public opinion and propaganda from both a historical and contemporary perspective, focusing on persuasive communication techniques and economic, cultural, social and political considerations impacting mass media in human affairs and society.

COM 344 Diversity in Mass Communications (3)**Sp**

Prerequisites: COM 203, 204, 300, 301. Examines attitudes, trends and perceptions shaping communication messages.

COM 423 Public Relations Campaigns (3)

F

Prerequisites: COM 203, 204, 301, 317. Fund raising, campaign management, strategies and techniques. Consideration of direct mail, annual giving, deferred giving and campaign planning.

COM 430 Special Topics in Mass Media (3)

F, Sp, Su

Prerequisites: COM 203, 204, 301. An in-depth examination of different areas of mass media from social, cultural, political, and economic perspectives.

COM 442 Media Law & Ethics (3)

F

Prerequisites: COM 203, 204, 301. An exposition of the principles of mass communication law and ethics, focusing on constitutional guarantees.

COM 494 Public Relations Internship (3-6)

F

Prerequisites: COM 203, 204, 205, 300, 301, 317. A program of internship in which Communications majors acquire on-the-job experience under the joint supervision of an employer and the Dean/Department Chairman. May be repeated.

COM 495 Senior Project (3)

F, Sp, Su

Prerequisites: COM 203, 204, 205, 300, 301, 421, 442. A program culminating activity in communication researched, written or presented and/or submitted for publication.

COMPUTER SCIENCES AND MANAGEMENT INFORMATION SYSTEMS

CSC 101 Introduction to Computers (3)

F, Sp, Su

An introductory course designed to acquaint students with the Internet, technology and popular business applications. Students will be working with WebCt, Microsoft Word, Excel Access and Powerpoint.

CSC 220 Microcomputer Applications (3)

F, Sp, Su

Prerequisite CSC 101. This is a practical course, a continuation of CSC101, with emphasis on the solution of business problems using application software. This course will include advanced word processing, spreadsheet analysis and database management, and presentation.

CSC 232 Principles of Programming (3)

F, Sp, Su

Prerequisite CSC 101. Algorithm development, computer program design, structured programming utilization, and flow charts are covered. This course also includes introductory programming in C++.

CSC 250 Visual Basic (3)

F, Sp, Su

Prerequisite CSC 232. An introductory course using an object oriented language for business programming. Students develop several business applications and are given an opportunity to expand their knowledge by further developing their own project at the end of the semester.

CSC 333 System Analysis and Design (3)**F, Sp, Su**

Prerequisite: CSC 232. Uses analysis and review of existing systems to explain the structured systems analysis and design process. Working with the system's life cycles, topics include flow diagrams, cost/benefit analysis, interviewing and documentation. Students are required to solve case studies and develop a documentation portfolio.

CSC 335 Data Structures (3)**F, Sp, Su**

Prerequisite: CSC 232. This course studies the basic concepts of data structures and associated algorithms. The course covers arrays, simple sorting algorithms, stacks and queues, linked lists, recursion, advanced sorting, binary trees, red-black trees, 2-3-4 trees and external storage, hash tables, heaps graphs, and weighted graphs. The relative advantages and disadvantages of data structure and its use are discussed.

CSC 341 Computer Organization (3)**F, Sp, Su**

Prerequisite: CSC 232. This course introduces computer hardware and system software concepts. The objective is to provide technical knowledge and skills on computer resource management, systems design, and systems implementation. Materials on systems architecture, data storage technology, systems integration and performance, input/output technology, data and network communication, computer networks, application development, operating systems, file management, internet and distributed applications, and system administration are presented in this course.

CSC 345 Web Technology (3)**F, Sp, Su**

Prerequisite: CSC 232. A project orientation approach designed to acquaint students with the use of integrating the World Wide Web to solve practical problems. Students will develop a dynamic web site with current software development tools.

CSC 350 Special Problems (3)**F, Sp, Su**

Prerequisite: CSC 232. Students are directed to perform projects or do individual readings in specific areas of computer science or management information systems.

CSC 360 Computer Operating Systems (3)**F, Sp, Su**

Prerequisite: CSC 232. Introduces the students to operating systems and systems programming. Topics include design, implementation, and maintenance techniques, multi-level memory management and resource allocation, scheduling supervisors, loaders, I/O control systems, multi-programming, file and systems protection.

CSC 365 Distributed Systems (3)**F, Sp, Su**

Prerequisite: CSC 232. This course focuses on protocols and methods for assigning jobs to more than one processor. Emphasis is on array processing, parallel processing, multiprocessing, multiprogramming, reliability, protection, and communication among cooperating processes.

CSC375 Network and Data Communications (3)

F, Sp, Su

Prerequisite: CSC232. This course covers the basic concepts of network and data communications. The course covers sections on network design essentials, media, interface cards, communications and protocols, architectures, administration and support, types of networks, troubleshooting network problems, and internet resources.

CSC 385 Artificial Intelligence (3)

F, Sp, Su

Prerequisite: CSC 232. This course discusses various areas of artificial intelligence including knowledge representation, learning vision, expert systems, robotics and natural languages. Artificial Intelligence programming languages and their techniques and control structures are also presented.

CSC 395 Software Engineering Principles (3)

F, Sp, Su

Prerequisite: CSC 232. This course uncovers the process of software engineering from beginning concepts, to design, testing, maintenance and retirement. Issues concerning integration, software quality, security, fault tolerance, human factors, operation, product feasibility and organizational structures are discussed.

CSC 405 Programming Languages (3)

F, Sp, Su

Prerequisite: CSC 232. This course studies the basic concepts of programming languages. Students will gain a broad comprehension of many diverse programming languages, along with confidence and understanding, allowing the students to adopt new languages as they become available in the future.

CSC 413 e-Commerce (3)

F, Sp, Su

Prerequisites/Co-requisites CSC 345 and MAR 301. This course introduces students to both the theory and practice of conducting business over the Internet and world wide web. It introduces business strategies, technologies and how they are integrated into a business model.

CSC 420 Independent Study (3)

F, Sp, Su

Prerequisite: Senior Standing with instructor approval. This course provides students with independent reading and/or research with the direction and supervision given by computer science and information systems' faculty.

CSC 441 Honors Research (3)

F, Sp, Su

Prerequisites: Senior Standing and permission of the Chairperson. Intended for honor students and involves research in Computer Science. Students will develop their own hypotheses and test them through a series of well-planned experiments. During the last semester of the senior year, each student will present his/her report in scientific format and defend it at a session before the University Honors Committee and members of the School/Department.

CSC 445 Management Information Systems (3)

F, Sp, Su

Prerequisite: CSC 232. Study of life cycle and prototyping methodologies used to

develop, implement, and maintain computer-based information systems. Discusses transaction processing, management information and decision-support systems. Can include case studies and team presentation.

CSC 460 Senior Project (3)**F, Sp, Su**

Prerequisite: Senior Standing. The intent of this course is to provide senior-level computer science and management information systems majors an opportunity to undertake valuable research in areas of computer science and management information systems.

CSC 473 C++ Programming (3)**F, Sp, Su**

Prerequisite: CSC 333 or CSC 395. Introduction to object-oriented programming languages with an emphasis on programming styles and algorithm development. Students will learn methodology for program development. Topics include primitive types, control structures, strings arrays, classes and objects, data abstraction inheritance polymorphism.

CSC 474 Java Programming (3)**F, Sp, Su**

Prerequisite: CSC 232. Java is currently the language of choice for building applications on the web. Beginning programmers learn this object-oriented, platform-independent language in order to obtain marketable general-purpose programming skills.

CSC 475 Advanced Computer Programming (CSIII) (3)**F, Sp, Su**

Prerequisite: CSC 473 or CSC 474. This course provides students with the requirement of C53 in the curriculum. Topics include object-oriented programming concepts and modern programming techniques. Algorithm design and analysis for tree, list, set, relation and graph data models and effects of representation on algorithmic complexity. Introduction to parallel and distributed concepts.

CSC 483 Database Concepts and Design (3)**F, Sp, Su**

Prerequisite: CSC 333 or CSC 395. The study focuses on the theoretical design and management of database systems conceptual data models (entity relationships), implementation models (hierarchical, network, relational, object-oriented), data dictionary and policy formulation. The study will also uncover structures relating to databases, design methodology, normalization, integrity constraints, distributed databases, data warehouse, and relational algebra. The theoretical approach of the logic involved in planning and designing databases will be discussed.

CSC 485 Simulation & Management Application (3)**F, Sp, Su**

Prerequisite: CSC 350. A study of program packages leading to solutions of management problems by programming analysis and documentation. Advanced techniques in solving problems will be discussed.

CSC 487 Database Programming (3)**F, Sp, Su**

Prerequisite: CSC 483. The study teaches logical design approach and implementation of databases to derive the physical design. Developing and querying

databases using a database package and structured query language SQL will be emphasized. Function of Database Management Systems, SQL data definition language, data manipulation language, database objects and other database tools will be discussed and used to resolve database problems ranging from the simple to the most complicated. Data administration issues will also be addressed.

CSC 490 Computer Ethics & Society (3)**F, Sp, Su**

Prerequisite: Senior Standing. This course deals with the ethical and social issues arising from the development and deployment of computers in society. The course also provides fundamental information about computer and technology ethics, as well as the details the ramifications of continuing technological developments with regard to privacy, security, piracy, access to computing technology for person with disabilities and other important philosophical and ethical issues.

CSC 494 Software Project Development (3)**F, Sp, Su**

Prerequisite: CSC 333 or CSC 395. Detailed techniques for designing and developing software for large programs will be addressed. Design strategies, methodologies, and various paradigms are taught. Architectural models, development tools and environments, implementation guidelines, and documentation will be included.

CSC 498 Cooperative Education in Computer Science I (1-6)**F, Sp, Su**

Prerequisite: Permission of the Chairperson. Provides entry level work experience in the areas of analyzing, designing, implementing, and testing computer hardware and software. This course also includes managing information systems, and processing data for federal, state, or local governments, private enterprises or other agencies.

CSC 499 Cooperative Education in Computer Science II (1-12)**F, Sp, Su**

Prerequisite: Permission of the Chairperson. Provides advanced work experience in analyzing, designing, implementing, and testing computer hardware and software. This course also includes managing information systems, and processing data for federal, state, or local governments, private enterprises, or other agencies.

CRIMINAL JUSTICE

CRJ 200 Introduction to the Criminal Justice System (3)**F, Su**

Presents a relatively broad view of the entire criminal justice process: agencies, courts, police, correction prisons, jails, probation, and parole; providing historical and philosophical foundations of the system, developing a knowledge of terms, practices, and procedures, and emphasizing contemporary problems within the system.

CRJ 301 Criminal Law I (3)**F, Su**

Designed to provide knowledge of the elements of proof necessary for prosecution of the various substantive crimes, viewing both that of the common law and statutory modifications; trial and appellate procedure, rules of evidence, codes of criminal procedure and current trends and problems within the judiciary system.

CRJ 302 Criminal Law II (3)**Sp, Su**

Prerequisite: CRJ 301. A continuation of Criminal Law I, this course places emphasis on constitutional foundations and restraints on the exercise of government power. The case study method is used, emphasizing decisions of the U.S. Supreme Court in areas of basic rights and liberties pertinent to arrest and restraint, right to counsel, search and seizure, freedom of speech, due process, the judiciary in involvement of the rule of law, and protection of individual rights in a democracy.

CRJ 303 Probation and Parole System (3)**F, Su**

Examines the community-based treatment aspect of the corrections system. Probation and parole philosophy and development, pre-sentence investigation, supervision and methods are reviewed.

CRJ 304 Causes and Prevention of Delinquency and Crime (3)**Sp, Su**

Provides a wide scope of knowledge in the application of social theory and research of the problems of delinquency and crime. Emphasis is placed on means and methods of treatment of the individual as a means of preventing criminal careers and recidivism. Institutions and agencies theory and practice are explored.

CRJ 305 Confinement Facilities (3)**F, Su**

Reviews the origin and development of jails, prisons and correctional facilities. Institutional procedures, physical plants, custody and control, administration and management procedures, inmate treatment, and preparation for return to the community are studied.

CRJ 306 Correctional Philosophy and Services (3)**F, Su**

Emphasizes community treatment programs as alternatives to institutionalization, the use of volunteers and para-professionals, release and furlough programs. This course also examines community resources that affect the criminal justice system.

CRJ 307 Criminology (3)**Sp, Su**

An examination of the field of criminology, including related theories, basic assumptions, definitions and concepts

CRJ 400 Selected Topics in Criminal Justice (3)**Sp, Su**

Topics may include, methods of correctional treatment, criminal investigation, government and industrial security, selected law topics, and police-community relations.

CRJ 403 Police Administration (3)**F Sp**

A study of the principles of organization administration and functioning of police departments to include inspection and control, personnel training and operations. Emphasis is also placed on operational services, records, communication and custody.

CRJ 405 Law Enforcement (3)

F, Sp

A study of both procedural and substantive state statutes and state traffic laws. Legal guidelines for police officers are included.

CRJ 406 Senior Seminar in Criminal Justice (3)

Sp, Su

Prerequisite: 12 credits in Criminal Justice. Provide opportunities for advanced discussion and projects focusing on current issues and problems in the criminal justice system.

CRJ 407 Constitutional Law I (3)

F, Su

An exploration of pre-constitutional development philosophy and forms of constitutions, interpretation and constructions, the amendment of constitutions, the federal system, distribution of sovereign powers, power of the executive, legislative, and judicial branches of government, constitutional limitations, guarantees and the impact of the constitution upon the criminal justice system.

CRJ 408 Constitutional Law II (3)

Sp, Su

Prerequisite: CRJ 407 and POL 301. A continuation of Constitutional Law I, this course additionally explores civil rights and liberties.

CRJ 409 Criminal Evidence and Court Procedure (3)

Sp

An examination of rules governing the admissibility of evidence, specifically as they affect the law enforcement officer in the process of arrest, use of force, search, seizure, preservation, custody, testimony and courtroom procedures.

CRJ 410 Private and Public Security (3)

F, Su

This course examines the field of private and public security systems including, the protection of life, property, and the maintenance of social order.

CRJ 411 Drug, Alcohol, and Crime (3)

Sp, Su

This course examines history, pharmacology, health consequences and the criminal aspects of mind-altering drugs. Emphasis is on placed on the effects of substances on criminal behavior, the legal response to the problem, and on treatment and prevention of drug abuse.

CRJ 412 Criminal Investigation (3)

F, Su

This course examines aspects of criminal investigations: its function, history, current obligation, and future prospects.

CRJ 421 Field Placement I (6)

F, Sp, Su

Learning through supervised work experience in a selected criminal justice department or agency. Supervision of the learning experience is provided by the agency and the faculty placement director. Registration and planning with the placement director must be completed one (1) semester prior to placement.

CRJ 422 Field Placement II (6)**F, Sp, Su**

Prerequisite: CRJ 421. This course, a continuation of field placement I, involves learning through supervised work experience in a criminal justice agency. Supervision of the learning experience is provided by the field placement director.

DANCE**DAN 181 Dance Ensemble I (1)****F**

Practical experience in dance production, including design, tryouts, choreography and public performance, under faculty supervision.

DAN 182 Dance Ensemble II (1)**Sp**

Continuation of DAN 181.

DRAMA**DRA 200 Drama Appreciation (3)****Sp**

An exposition of drama from earliest times to the contemporary period and, emphasizing influences and contributions by Africans and African Americans.

ECONOMICS**ECO 200 Introduction to Economics (3)****F, Sp, Su**

A general survey of economic principles for non-business students. The course provides a broad overview of economics at the micro and macro levels.

ECO 201 Principles of Macroeconomics (3)**F, Sp, Su**

Prerequisite: MAT 101 OR MAT 111. A study of the aggregate level of national income and output as it affects economic growth and stability, inflation, unemployment.

ECO 202 Principles of Microeconomics (3)**F, Sp, Su**

Prerequisite: MAT 102 OR MAT 112. A study of U.S. market system emphasizing concepts of supply and demand, competition, pricing, resource allocation as applied to issues in business, labor, and public policy.

ECO 302 Intermediate Microeconomics (3)**F**

Prerequisites: BUS 215, ECO 202. An advanced presentation of the role of prices in the economic decision making of households and firms. Topics include utility analysis, production and cost analysis under perfect and imperfect market structure, and rationales for and effects of anti-trust and government regulations and policies.

ECO 310 History of Economic Thought (3)**F**

Prerequisites: ECO 201, ECO 202. An analysis of historical development of economic doctrines and theory, emphasizing such economic schools as Smith, Marx, Keynes and the contemporary core of economic theory.

ECO 351 Labor Economics (3)

F, Sp, Su

Prerequisites: ECO 201 and ECO 202. The theoretical and empirical analysis of wage determination, characteristics of labor force, employment, unemployment, income maintenance programs and labor unions. Evaluates theories of labor market discrimination against African Americans, women, and other minorities.

ECO 371 Money & Capital Markets (3)

F, Sp, Su

Prerequisites: ECO 201, ECO 202. Analytical framework to provide the necessary tools to understand the U.S. financial system and its operation. Topics include: financial markets, money management of financial institutions, the Federal Reserve System, monetary policy, and international financial system.

ECO 420 International Economics and Trade (3)

Sp

Prerequisites: ECO 201 and ECO 202. A broad view of international trade with emphasis on the theories of international trade, balance of payments, commercial policy, international specialization, foreign exchange markets, and government intervention.

ECO 457 Urban Economics (3)

Sp

Prerequisites: BUS 215, ECO 201, ECO 202. Economic analysis of urbanization and the spatial distribution. Topics include the history and origins of cities; location theory; theories of urban decay, spatial structure, poverty and discrimination.

ECO 475 Economics of Development (3)

Sp

Prerequisites: ECO 201, ECO 202. An analysis of economic development as a process and how institutional and structural factors determine the economic changes and development in different countries.

ECO 485 Environmental Economics (3)

F

Prerequisite: ECO 210 and ECO 202. A study of the relations among resource allocations, environmental concerns, and economic institutions and policy. Emphasis is on alternative strategies in solving the problems of environmental quality and resource scarcity.

EDUCATION

EDU 201 Social Foundations of Education (3)

F, Sp, Su

Teacher Certification Program only. This course provides a clear understanding of the teaching profession and the issues and controversies confronting American education today. It provides a comprehensive body of information on the various foundations of education and significant contemporary educational issues from a broad, substantive and interdisciplinary viewpoint.

EDU 202 Psychological Foundation of Education (3)

F, Sp, Su

Teacher Certification Program only. The major contributions from psychology for educational practice are outlined.

EDU 203 Sociological and Psychological Foundations of Education F, Sp, Su
All education majors. This course is an introduction to social and psychological aspects of education. The social component includes the historical, philosophical and social aspects of education. The psychological component focuses on the nature of human growth and behavior and the teaching-learning process in the classroom.

EDU 204 Teaching in Elementary Schools (3) F, Sp, Su
Teacher Certification course and Elementary majors in Education. Emphasis will be placed on service to the elementary school community, while inspiring, motivating, and encouraging students to build a strong image about themselves and their educational needs. The teaching methodologies related to content specific areas will be studied.

EDU 205 Multicultural Diversity (3) F, Sp, Su
Required for all majors in Education and Teacher Certification. This course is designed to support and extend the current concepts of culture, cultural pluralism and equity into the formal school setting. It examines the historical and theoretical precepts of these concepts, and considers the use of students' cultural backgrounds to develop effective classroom instruction and school environments.

EDU 206 Teaching in Middle and Secondary Schools (3) F, Sp, Su
Teacher Certification Course and required for Secondary majors and ESE majors. Methods, materials, and procedures for teaching in the middle secondary school with emphasis on work units, lesson plans, nature of the pupil, learning activities, evaluation, reports, and classroom management techniques that focus on current trends and utilization of appropriate technology.

EDU 301 Language Arts for Elementary Schools (3) F, Sp, Su
Teacher Certification Course. This course considers principles of current scientific study of language experience in a child's life and the nature of development of needs, interests, and abilities in the basic communication skills. The course emphasizes planning and guidance of curricular activities and development of language experiences through print media texts and non-print media which includes technology. For students in grades K -6. The needs of special students are also addressed. This course is based on State and National Standards.

EDU 302 Science in Elementary School (3) F, Sp, Su
Prerequisites: BIO 101, PSC 101, ENV 101. This course is designed to provide techniques of instruction and methods of instruction in the delivery of an elementary science curriculum. Topics will include educational philosophies, how children learn science, learning activities, thinking skills, science resources, assessment and subject matter in the major science content areas. For students in grade K- 6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 303 Music for Elementary Schools (3)**F, Sp, Su**

All elementary education majors and Teacher Certification. This course is designed to provide background knowledge in music for elementary classroom teachers to use in helping students understand basic fundamentals in music to assist students in understanding other subjects. Students will be involved in activities that are designed to motivate and make them more comfortable using music in the classroom. For students in grade K-6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 304 Teaching Social Studies for Elementary Schools (3)**F, Sp, Su**

All Elementary Education, Exceptional Education majors and Teacher Certification. This course is designed to provide a knowledge base, instructional methods, and motivational techniques that will enable pre-teachers to help young people develop tools for effective living. Computers will be integrated into the learning process. For students in grade K-6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 305 Teaching Art in Elementary Schools (3)**F, Sp, Su**

All Elementary Education majors and Teacher Certification. This course is designed to investigate and explore activities associated with, and integral to, the daily operations of an elementary school visual arts program. The course will focus upon the procedures applications and practices involved in creating, and producing the creative product for students in grade K-6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 307 Teaching Mathematics in Elementary Schools (3)**F, Sp, Su**

Prerequisites: Successful completion of Math 105 and Math 106 with a "C" or higher. All Elementary Education, Exceptional Education majors and Teacher Certification. The course is designed to provide the most current and useable information in Mathematics useful for elementary teachers. It also integrates great ideas and pedagogy in teaching mathematics for students in grades K-6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 308 Teaching Reading in the Elementary Schools (3)**F, Sp, Su**

Prerequisites: Successful completion of ENG 102, REA 101 with a "C" or higher. All Elementary Education, Exceptional Education and Middle Grades and Secondary English Education majors. Involves the reading process as it relates to principles of learning, child development, and self-image. The course considers current views of how young children become literate, how to help children become involved and interested in their own learning, and how to help children use reading and writing for authentic purposes for students in grades K-6. Selected ESOL competencies are also infused. The course is based on State and National Standards.

EDU 309 Children's Literature (3)**F, Sp, Su**

Teacher certification course only. An overview of literary materials for children. The elementary school student teacher evaluates and select literature based on developmental appropriateness, develop a sound methodology for using books to enrich children's lives, and becomes familiar with these literacy materials.

EDU 313, 314, 315 Pre-Student Teaching Lab (1)**F, Sp, Su**

Required for all Education majors. Prerequisites: Successful completion of EDU 204 or 206 and EDU 203. Pre-Student Teaching is a field experience for majors in education who are preparing for the status of internship. Students must observe the quality of classroom management techniques and participate in classroom activities. These experiences help to build self-confidence, eliminate shyness and stage fright, and provide an opportunity to test the decision to become a teacher.

EDU 324 Teaching Physical Education in the Elem. Schools (3)**F, Sp, Su**

Teacher Certification Course and required course for Elementary majors. Prerequisite: physical education requirement. This course is designed to acquaint the students with methods, procedures, techniques, and devices for teaching health and physical education in elementary schools. It uses a developmental approach and stresses exploratory methods of teaching young children. For students in grades K-6. The needs of special student are also addressed. The course is based on State and National Standards.

EDU 331 Instructional Technology (3)**F, Sp, Su**

Prerequisites: Successful completion of all EDU 200 level courses. All Education majors except Music Education. This course is designed to facilitate students to incorporate media and technologies for learning in their repertoire, to use them as teaching tools, and to guide students in using them as learning tools in elementary and secondary schools.

EDU 403 Teaching Reading in the Middle and Secondary Schools (3)**F, Sp, Su**

A study of the reading process as it relates to secondary reading in the content area. Exposure to reading inventories, diagnostic tests, materials and techniques of developmental and corrective reading; application of these skills through working with children at the secondary level in the public schools during pre-student teaching includes the systems approach.

EDU 408 Classroom Behavioral Management (3)**F, Sp, Su**

Required for all Education majors except Exceptional Education majors. Must be taken on the main campus. Prerequisites: Successful completion of EDU 205 and all 300 level EDU courses. This course draws upon sociologists' perspective of schools as a social organization with an emphasis on the characteristics of the classroom as a social unit, the leadership functions of the teacher, and the impact of the teacher's leadership decisions on the classroom organization and its membership. It attends to classroom management practices, the principles of field psychology, behavioristic and humanistic psychology. It also covers transactional

analysis, teacher effectiveness training, psychodrama, socio-drama, and technological management.

EDU 411 Diagnosis and Remediation**F, Sp, Su**

Prerequisite EDU 308. Required for English Elementary Education and Exceptional Education majors. Current views on sequential development skills and concepts of reading, recognition and diagnosis of reading problems, and prescription and utilization of appropriate methods and materials to increase reading performance. Selected ESOL competencies are also included.

EDU 412 Teaching Methods in Physical and Health Education (K-12) (3)**F, Sp, Su**

Teacher Certification Course and Physical Education majors. A broad coverage of the duties of physical education personnel, designed to acquaint the student with methods, procedures, techniques, and devices for teaching health and physical education in grades K-12. The needs of special student are also addressed. The course is based on State and National Standards.

EDU 413 Curriculum Development (3)**F, Sp, Su**

Teacher Certification Course Only. A critical study of the organization, construction, and administration of learning experiences in modern educational theory with emphasis on the formulation of objectives, selection, organization and integration of instructional materials. Teacher certification course.

EDU 414 New Trends in Education (3)**F, Sp, Su**

Teacher Certification Course. An Education Elective for all education majors. An investigation of new trends in education at the local, state, and national levels.

EDU 416 Teaching Music (6-12) (3)**F, Sp, Su**

Teacher Certification Course. Required for Music Education majors. Prerequisites: Successful completion of all EDU courses. Selection and organization of current practices and materials in the secondary school curriculum of music. It also involves analyzing contemporary methods of teaching music. For students in grades 6-12. The needs of special student are also addressed. The course is based on State and National Standards.

EDU 417 Teaching Social Studies in Middle and Secondary Schools (3)**F, Sp, Su**

Teacher Certification Course. Methods and materials for teaching Social Studies in the middle and secondary school with emphasis on objectives, selection and organization of instructional units, teaching aids methods and procedures of instruction, and processes of evaluation. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 418 Teaching English in Middle and Secondary Schools (3)**F, Sp, Su**

Teacher Certification Course and required for English Education majors. Prerequisites: Successful completion of ENG 101, 102, REA 101 Methods and materials for teaching English in the middle and secondary school with emphasis

on objectives, selection and organization of instructional units, teaching aids, methods and procedures of instruction and processes of evaluation. The course is based on State and National Standards.

EDU 419 Teaching Science in Middle and Secondary Schools (3) **F, Sp, Su**
Teacher Certification Course. Required for Science Education Majors. Objectives, contents, and methods in secondary school science programs with emphasis on current practices and instructional materials. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 422 Teaching Mathematics in the Middle Schools (3) **F, Sp, Su**
Prerequisites: Teacher certification course. Required for middle grades mathematics majors. Successful completion of 200 and 300 level mathematics course. A study of effective methods of teaching mathematics in the middle schools with a discussion of textbooks and tests. The course is based on State and National Standards.

EDU 423 Teaching Mathematics in the Secondary Schools (3) **F, Sp, Su**
Pre-requisite: Successful completion of 200 and 300 level mathematics course, and passed mathematics section of General Knowledge (GK). A study of effective methods of teaching mathematics in the secondary schools with a discussion of textbooks and tests. The course is based on State and National Standards.

EDU 426 Content Area Reading (3) **F, Sp, Su**
Pre-requisites: Successful completion of English 101, 102. Required for all Education majors. This course will focus on the pre-service teacher working towards enabling children to view reading as a powerful source of acquiring information, to use reading materials purposefully, to develop as proficient readers and learners who enjoy reading materials purposefully, and to develop as proficient readers and learners who enjoy reading and learning. The course will include theories about effective reading instruction and procedures for implementing that instruction, including diagnostic teaching techniques for students in grades K-12. Selected ESOL competencies are also infused. The course is based on State and National Standards.

EDU 427 Language Art & Children's Literature in Elementary School (3) **F, Sp, Su**
Pre-requisites: Successful completion of English 101, 102. All Elementary Education, Exceptional Education, and Middle Grades and Secondary English Education majors. This course considers principles of modern scientific study of language experience in a child's life, the nature of development of needs, interest, and abilities in the basic communication skills. It provides an overview of literary materials for children in early and elementary school with an emphasis on pre-service teachers becoming familiar with popular children's literature, on their being able to evaluate and select literature based on children's developmental appropriateness, and on their developing a sound methodology for using books to enrich children's lives. For students in grades K-12. Selected ESOL competencies are also infused. The course is based on State and National Standards.

EDU 439 Tests and Measurements (3)

F, Sp, Su

Required for all education majors except Exceptional Education majors. Pre-requisite: Successful completion of 200 and 300 level mathematics courses. This course reflects the use of performance based procedures to measure complex achievement. The fuller array of assessment-procedures includes traditional and authentic assessment.

EDU 450 Educational Internship (9)

F, Sp

Prerequisites: Successful completion of all major requirements and all sections of General Knowledge and Professional Education subtest. Practical experience in teaching activities of the classroom with the student in full charge of the class under the guidance of a skilled, experienced teacher in the field.

EDU 455 Methods/Materials for Teaching Languages in the Elementary School (3)

F, Sp

Teacher Certification Course Only. Designed to acquaint the student with methods, media, and procedures especially applicable to the teaching of languages in the elementary or secondary school levels. A one-hour laboratory experience per week in a field school or college living-learning center is required.

EDU 456 Teaching Spanish in the Elementary Schools (3)

F, Sp, Su

Teacher Certification Course Only. Designed methods, media, and procedures, applicable to the teaching of the Spanish language in the elementary school. There will be major emphasis on pronunciation, oral work, reading, reviews, examinations, tests, and supervised study.

EDU 457 Methods of Teaching Spanish in the Middle and Secondary School (3)

F, Sp, Su

Teacher Certification Course Only. Focuses on values of foreign language teaching, ultimate and immediate aims in Spanish language teaching, survey of methods, pronunciation, oral work, reading, grammar, reviews, examinations, tests, and supervised study. The course consists of readings and discussions, lesson planning and demonstrations, and organization of material for use in student teaching.

EDU 458 General Methods of Teach Foreign Languages (K-12) (3)

F, Sp, Su

Teacher Certification Course Only. Designed to acquaint the student with methods, media, and procedures applicable to the teaching of foreign languages in grades K-12. This course consists of reading and discussions, lesson planning, and demonstrations.

EDU 499 Independent Study (3)

Prerequisites: Completion of General Core Courses. This course provides independent direction and supervision of a special topic in a specific area of education under the supervision of an education instructor.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

ESOL 401 Cultural Communications (3)

F, Sp, S

Prerequisite: EDU 205. Teacher Certification Only. This course examines cultural factors which influence the acquisition of learning of native and target languages. The course will focus on how an awareness of native and target cultural factors contribute to the effective teaching of the respective language.

ESOL 402 Curriculum and Materials Development (3)

F, Sp, S

Prerequisite: EDU 203, 204 or 206 and 205. Teacher Certification and All Education Majors. A study of the content development, materials, and evaluation of ESOL curriculum for use in bilingual or multilingual settings. The course includes a survey of techniques for assessing needs, determining objectives, and designing and evaluating curriculum materials.

ESOL 403 Methodology of Teaching ESOL (3)

F, Sp, S

Prerequisite: EDU 203, 204 or 206 and 205. Teacher Certification Only. A survey of techniques used in teaching ESOL including a review of audio lingual, cognitive code, and functional/national approaches. This course examines curriculum and methods used in teaching and testing the skills of speaking, listening, understanding reading and writing.

ESOL 404 Teaching and Evaluation in ESOL (3)

F, Sp, S

Prerequisite: EDU 203, 204 or 206 and 205. Teacher Certification Only. Development of teacher-made tests. Applied standard tests in ESOL & BLE classes. Interpretation of statistics data in grading. Testing the skills of speaking, listening, and understanding reading and writing.

ESOL 499 Independent Study in ESOL Education (3)

F, Sp, S

Prerequisite: Completion of General Core Courses and 300 level EDU or ESE courses. This course provides independent direction and supervision of a special topics English for Speakers of Other Languages education, under the supervision of an ESOL education instructor.

ESOL 499 Independent Study in ESOL (3)

Prerequisites: Completion of General Core Courses. This course provides independent direction and supervision of a special topic in a specific area of education under the supervision of an education instructor.

ENGLISH

ENG 101 College Writing I (3)

F, Sp, Su

Prerequisite: Successful completion of DSE 099 or the required minimum scores on the writing and grammar sections of the placement test. This course focuses on effective writing, grammar review, and critical thinking. Students develop writing skills by studying classical rhetorical modes of argument and logic. Students compose college-level essays based on readings from poetry, short stories, drama,

novels, periodicals, and other literature, as well as prepare portfolios. This course also incorporates the use of information technology.

ENG 102 College Writing II (3)**F, Sp, Su**

Prerequisite: Successful completion of ENG 101 or the required minimum scores on the writing and grammar section of the placement test. This is an intensive writing, reading, and research course. Students review basic grammar skills, write book reviews, college-level essays and research papers, and prepare portfolios with the use of information technology.

ENG 111 First Year Literature (3)

Prerequisite: None This course is designed to encourage an enjoyment of reading through literary works and poetry. Students will be encouraged to exchange ideas in open discussions of the reading and dramatic interpretation of the material. Critical response and self-expression will also be introduced and developed.

ENG 201 World Literature I (3)**F**

Prerequisite: ENG 102. Survey course in world literature. An appreciation of diverse cultures through the literature of Ancient Greeks, Chinese, Indians, Romans, Arabians, Japanese, and Europeans, c. 700 B.C. to 1400 A. D.

ENG 202 World Literature II (3)**Sp**

Prerequisite: ENG 102. A survey course in world literature. The continuance of World Literature I, from the Renaissance through the post World War II period. The multi-cultural approach will include European, Asian, African, and Native American writers.

ENG 212 Ethnic American Literature (3)**F**

Prerequisite: ENG 102. This course will focus on works written by African Americans, Native Americans, Mexican Americans, Asian Americans, Puerto Ricans, and others. The themes include prejudice, identity, alienation, survival, and assimilation.

ENG 297 Caribbean Literature (3)**Sp**

Prerequisite: ENG 102. This course will include an interdisciplinary approach to a representative range of Caribbean writers. It will be taught in collaboration with the Social Science Department.

ENG 301 Advanced Composition & Rhetoric (3)**Sp, Su**

Prerequisite: ENG 102. A detailed study of the theory and practice of written communication, including a review of syntax and mechanics, concentrating on rhetoric and style. Designed primarily for English majors and others seeking State certification in English. Upon approval of the advisor, this course can substitute for Eng 309.

ENG 303 English Literature I (3)**F**

Prerequisite: ENG 102. A survey course from the Middle Ages through the eighteenth century. This course will include the evolution of the English language through the times.

ENG 304 English Literature II (3)**Sp**

Prerequisite: ENG 102. A study of English authors of Romantic, Victorian, Modern, and Contemporary periods. Works by authors of the English speaking world such as Derek Walcott and Chinua Achebe will also be included.

ENG 308 African American Literature (3)**Sp, Su**

Prerequisite: ENG 102. A study of African American authors and their works. A close examination of the African American legacy as a basis for understanding American civilization.

ENG 309 Advanced Grammar & Composition (3)**F, Su**

Prerequisite: ENG 102. A detailed study of traditional grammar as a tool of written communication. This course will help all students improve their communication skills. Particular attention will be paid to correct usage in written communication.

ENG 310 Study Abroad (3-6)**Su**

Prerequisite: Permission of the Directory of the Study Abroad Program. On-site exploration of personalities, original manuscripts, and locales of major authors.

ENG 315 Adolescent Literature (3)**Sp, Su**

Prerequisite: ENG 102. An overview of literary materials for adolescents in grades 6-12 with emphasis on selection, adaptation, and presentation.

ENG 316 African American Women Writers (3)**F, Sp**

Prerequisite: ENG 102. This course is an interdisciplinary approach to the study of African American women writers from the period of slavery to contemporary times. Upon approval of the advisor, this course can fulfill a Social Science requisite.

ENG 351 Contemporary Poetry (3)**F, Sp**

Prerequisite: ENG 102. Poetry of the Contemporary Period, 1960 to the present.

ENG 355 The Harlem Renaissance (3)**F**

Prerequisite: ENG 102. Emphasis on writers, musicians, and artists in an interdisciplinary approach to the Harlem Renaissance.

ENG 361 Contemporary Fiction (3)**Sp**

Prerequisite: ENG 102. Fiction of the Contemporary Period, 1960 to the present.

ENG 371 Contemporary Drama (3)**F, Sp**

Prerequisite: ENG 102. Drama of the Contemporary Period, 1960 to the present.

ENG 383 Literary Criticism (3)

F

Prerequisite: ENG 102. Approaches to literary criticism. Emphasis on contemporary theory including Post-structuralism and feminist criticism.

ENG 400 The Novel (3)

F, Sp

Prerequisite: ENG 102. A study of the genre through selected novels.

ENG 401 Renaissance Literature (3)

F

Prerequisite: ENG 102. A study of the major writers of the 16th and 17th centuries, excluding Shakespeare.

ENG 402 Romantic Literature (3)

Sp

Prerequisite: ENG 102. A study of English poetry and prose, 1789-1832.

ENG 403 Shakespeare (3)

Sp

Prerequisite: ENG 102. Examination of representative plays and sonnets.

ENG 404 Victorian Literature (3)

Sp

Prerequisite: ENG 102. Study of the poetry and prose of the 19th century. Authors read include Dickens, Eliot, Carlyle, Ruskin, Arnold, Tennyson, Browning, Rossetti, and Eliot.

ENG 405 Creative Writing (3)

F, Sp

Prerequisite: ENG 102 Analysis and writing of poems and short stories.

ENG 410 Study Abroad (3-6)

Su

Prerequisite: Permission of the Director of the Studies Abroad program. On-site explorations of personalities, original manuscripts, and locales of major authors.

ENG 441 Women Writers (3)

Sp

Prerequisite: ENG 102. Selected readings of women's writings and feminist criticism.

ENG 442 Postcolonial Literature (3)

Sp

Prerequisite: ENG 102. This course will include an interdisciplinary study of post-colonial literature by selected writers. The approach will include Humanities and Social Science perspectives. Upon approval by the advisor, this course can fulfill a Social Science requisite.

ENG 443 Special Topics (3)

F, Sp

Prerequisite: ENG 102. Content to be determined by the School/Department as requested by faculty or students to fill specified needs or interests.

ENG 444 Mythology (3)

F

Prerequisite: ENG: 102. Myth and legend from early folklore to the present.

ENG 455 American Literature (1800-1865) (3)**F**

Prerequisite: ENG 102. Transcendentalism, slavery, conflict in American literature: representative works of Emerson, Whitman, Poe, Hawthorne, Melville, Horton, Douglass, Stowe, Brown, Truth, Fuller, and other American and African American writers.

ENG 456 American Literature (1865-1914) (3)**F, Sp**

Prerequisite: ENG 102. Realism in American literature: representative works of Clemens, Howells, James, Chopin, Washington, Gilman, Du Bois, Crane, Dreiser, and others.

ENG 457 American Literature (1914-1945) (3)**F, Sp**

Prerequisite: ENG 102. Modernism in American Literature: representative works of Stein, Frost, Anderson, O'Neill, Eliot, Hurston, Fitzgerald, Hemingway, Hughes, Wright, and other American and African American writers.

ENG 460 Applied Linguistics (3)**F, Sp, Su**

Prerequisite: ENG 102. An overview of the principles of linguistics applied to language teaching and learning. Emphasis on constructive analysis of native and target languages applied to teaching bilingual/ESOL or foreign language students.

ENG 465 Internship (3)**Su**

Prerequisite: ENG 102. This course provides the student with on-the-job training in an area of English or communications under the auspices of the employer and department advisor.

ENG 495 Senior Research Project (3)**F**

Prerequisite: Permission of advisor. A capstone course in English requiring research, critical thinking, technology, presentation, and scholarly proficiency. MLA format is required.

ENGLISH AS A SECOND LANGUAGE

ESL 098 College Language Skills I (3)**F, Sp, Su**

Prerequisite: Placement examination. A fundamental college course primarily for non-native speakers of English. Stress is on the development of all communication skills (listening, speaking, reading, writing) toward gaining functional proficiency in critical reading and academic writing.

ESL 099 College Language Skills II (3)**F, Sp, Su**

Prerequisite: Placement examination or ESL 098. Continued development of all communication skills (listening, speaking, reading, writing) toward gaining functional proficiency in critical reading and academic writing.

ENVIRONMENTAL STUDIES

ENV 101 Introduction to Environmental Science (3)

F, Sp, Su

This course is a general introduction to environmental concepts, including a history of the environmental movement, global habitats, ecosystem dynamics, population dynamics, living resources, biodiversity, environmental hazards, environmental justice, energy resources, air and water resources, eco-spirituality, and sustainability.

ENV 131 Survey of Earth Science (3)

F, Sp, Su

This course is designed as a survey of astronomy, geology, meteorology, and marine science to prepare teachers of earth science in the middle schools.

ENV 301 Wetland Ecology (3)

F, Sp, Su

Prerequisite: BIO 130. An examination of the structure, function, and dynamics of wetland ecosystems, with emphases on wetlands in tropical and semi-tropical regions and the effects of human activities.

ENV 302 Wetland Ecology Laboratory (1)

F, Sp, Su

Prerequisite: BIO 131. A field examination of the structures and dynamics of wetland ecosystems in Southern Florida, including soil types, indicator species, and human influences.

ENV 331 Urban Ecology (3)

F, Sp, Su

Prerequisite: BIO 320. An examination of urban and suburban ecosystems, emphasizing energy relations, ecological functions of urban landscapes, urban wildlife, urban forestry, and ecological issues relevant to human health and well-being.

ENV 332 Urban Ecology Laboratory (1)

F, Sp, Su

Prerequisite: BIO 321. A field examination of the structures and dynamics of urban ecosystems in Southern Florida, including soil types, indicator species, and human influences.

ENV 362 Spirit and Nature (3)

F, Sp, Su

A survey of environmental philosophy and theology, including deep ecology, eco-feminism, social ecology, creation theology, and earth wisdom.

ENV 381 Air Resources (3)

F, Sp, Su

Prerequisite: ENV 101. An examination of common air pollutants, their sources, methods of control, and various legislative and administrative approaches.

ENV 382 Water Resources (3)

F, Sp, Su

Prerequisite: ENV 101. An examination of water use and management, water pollution problems, and methods of control and treatment.

ENV 383 Biotic Resources (3)

F, Sp, Su

Prerequisite: ENV 101. An examination of the earth's biomes and the factors influencing their productivity, conservation, and human use. Particular attention will be given to sustainability.

ENV 384 Energy Resources (3)

F, Sp, Su

Prerequisite: ENV 101. An examination of energy resources and power generation in modern society, as well as the fundamental energy relationships between industrial and domestic processes.

ENV 401 Ecology of South Florida (3)

F, Sp, Su

Prerequisites: BIO 320. An examination of the structure, function, and dynamics of the South Florida ecosystems.

ENV 402 South Florida Ecology Laboratory (1)

F, Sp, Su

Prerequisite: BIO 321. A field examination of the structures and dynamics of ecosystems in South Florida, including the identification of selected species.

ENV 450 Field Studies (3)

F, Sp, Su

Original investigations on a topic in environmental studies conducted in the field under the supervision of a directing faculty member.

ENV 451 Senior Seminar (3)

F, Sp, Su

A series of talks and exercises on the development of professional skills, data presentation, current environmental topics, and the presentation of original field or library research.

ENV 470 Natural Resource Management (3)

F, Sp, Su

Prerequisite: Senior standing in Environmental Science. An introduction to the management of natural resources, including timber, fisheries, national parks, rangelands, and mining.

ENV 471 Environmental Policy in the United States (3)

F, Sp, Su

Prerequisites: Senior standing in Environmental Science or permission of the instructor. An introduction to environmental policy, including applicable environmental legislation, and the role of regulation at the national, state, and county levels.

EXCEPTIONAL STUDENT EDUCATION

ESE 408 Behavior Management for Students with Varying Exceptionalities (3)

F, Sp, Su

Prerequisites: ESE 430, ESE 434. Exceptional Student Education majors only. A comprehensive course that focuses on the positive manipulation of the learning environment to promote successful behavior and skill acquisition. The student will learn how to do preventive discipline --proactive strategies and activities appropriate for managing the spectrum of exceptional students.

ESE 430 Introduction to Exceptional Child Education (3)**F, Sp, S**

Prerequisites: Completion of all 200 level EDU courses and approval of instructor. Exceptional Student Education majors only. On overview of effective teaching methods and procedures for exceptional children. It includes historical perspective, recent programming efforts for children with impairments in vision, hearing, language and speech, emotional problems and learning disabilities. It also covers children with limited intellectual capacity and gifted children.

ESE 434 Characteristics of Individuals with Varying Exceptionalities (3)**F, Sp**

Prerequisite ESE 430. Exceptional Student Education majors only. The course integrates theory, research, and practice in the field of mental retardation, specific learning disabilities, and emotional handicaps. The course emphasizes definitions and concepts, theories of learning, classification, prevalence, etiologies, behavioral characteristics, prevention and intervention strategies, multicultural issues, and classroom technology. Also at-risk factors associated with learning disabilities, emotional handicaps, and mental retardation. Service delivery system will be reviewed and current research and trends discussed.

ESE 435 Curriculum and Instruction for Mild to Moderate Individuals with Varying Exceptionalities (3)**F, Sp**

Prerequisites: ESE 430, ESE 434. Exceptional Student Education majors only. A comprehensive course covering curriculum, methods, and materials designed for mild to moderate levels of learning disabled, emotionally handicapped, and mentally handicapped individuals. Topics include preferred behavior management strategies and observation methods for problem behaviors used for teaching and managing students who display complex behavior problems and who need academic and pre-functional living skills. The course also covers strategic and tactical planning as well as curricula for academic, social, and prevocational skills development.

ESE 436 Curriculum and Instruction for Mild to Moderate Individuals with Varying Exceptionalities II (3)**F, Sp**

Prerequisites: ESE 430, ESE 434, ESE 435. Exceptional Student Education majors only. This course provides an exhaustive covering of curriculum, methods, and materials designed for mild to moderate levels of learning disabled, emotionally handicapped, and mentally handicapped individuals through the continuation of Curriculum and Instruction I. More in-depth coverage of diagnostic procedures, planning techniques, instructional methods, uses of technology, and the instructional needs of individuals from diverse linguistic and cultural backgrounds.

ESE 447 Assessment of Exceptional Students (3)**F, Sp**

Prerequisites: ESE 430, ESE 435, or ESE 430 and ESE 444. Exceptional Student Education majors only. This course provides a comprehensive guide to the assessment of students with disabilities. An understanding of the assessment process and the concrete, practical skills necessary to assess exceptional students will be examined.

ESE 448 Teaching in an Inclusive, Collaborative, Consultative, Diverse Environment (3)**F, Sp**

Prerequisites: ESE 430, ESE 434, ESE 435, ESE 436, ESE 447. Exceptional Student Education and Elementary Education majors only. A course preparing teachers to meet the individual needs of students at-risk, with disabilities, or both, and who have been integrated into the general education classroom.

ESE 499 Independent Study in Exceptional Student Education (3)

Prerequisites: Completion of General Core Courses and 300 level EDU. Exceptional Student Education majors only. This course provides independent direction and supervision of a special topic in Exceptional Student Education (ESE) under the supervision of an ESE instructor.

FINANCE

FIN 311 Principles of Finance (3)**F, Sp, Su**

Prerequisite: MAT 102. This course is designed to make students better decision makers by focusing on contemporary finance problems facing today's manager. It examines how financial theories can be used in an environment characterized by market and institutional realities.

FIN 323 Corporate Finance (3)

Prerequisite: Junior or Senior standing. This course provides an understanding of the theory and practice of making financial decisions for corporations including the environment in which decisions are made, the available choices and decision criteria, and valuation consequences of the choices. It also provides students skills in financial analysis, planning, and decision making.

FIN 333 Investments (3)

Prerequisite : Junior or Senior standing. This course provides an understanding of capital market securities, operations, valuation, and investment techniques. It covers definitions of various investment vehicles, operation of the NYSE and NASDAQ markets, portfolio theory, valuation of stocks and bonds, and investor capital allocation decisions.

FIN 350 Principles of Financial Planning (3)

Prerequisite: FIN 301. A study of the basic concepts in Financial Planning as it relates to Income Tax planning, Educational planning, Investment planning, Wealth Accumulation planning and Estate planning. Also the legal and ethical environments of Financial planners.

FIN 493 Portfolio Analysis & Management (3)**Sp**

Prerequisite: FIN 301. Integrates theoretical concepts with investment applications, and stresses the economic rationale for various investments. Software support enriches the learning experience by simulating the real world of investments. Students create and manage portfolios, trade stocks, bonds, warrants, options, futures contracts, and foreign currency.

FIN 495 Futures & Options Markets (3)**Sp**

Prerequisite: FIN 301. This course focuses on understanding how to use the financial future and options, the related cash and debt markets to achieve various financial risk management goals. The underlying objectives are: concepts, empirical evidence, and essential tools that facilitate the understanding of techniques and applications of hedging, pricing, and arbitrage.

FIN 496 Financial Statement Analysis (3)

Prerequisite: FIN 301. This course provides a comprehensive analysis of financial statements using data bases, published documents, and privately prepared reports. Software is utilized for planning models, forecasting models, and simulations.

FIN 497 International Money & Finance (3)

Prerequisite: FIN 301. This course examines the following international concepts: the foreign exchange market, the balance of trade and payments, currency futures, options, and swaps, exchange rates and interest parity, international bond market, import and export financing, financial management of the multinational firm, and the international money market.

FLIGHT EDUCATION

AVT 201 Private Pilot Certification - Ground (3)**F**

Designed to prepare students for the FAA Private Pilot Written Examination. Subject areas covered in the course include basic aerodynamics, navigation, weather, communications, aircraft operations, weight and balance, various publications, and the Federal Aviation Regulations.

AVT 202 Private Pilot Certification - Flight (2)**F, Sp, Su**

Co-requisite: AVT 201. Designed to provide students with the flight experience necessary for the FAA Private Pilot Certification.

AVT 203 Navigation and Performance (3)**Sp**

This course provides students with skills and knowledge necessary to successfully complete the navigation and performance requirements specified for instrument and commercial pilots. It will focus on both jet and reciprocating aircraft and include high performance/high altitude turbine applications.

AVT 301 Instrument Rating - Ground (3)**F, Sp, Su**

Prerequisites: AVT 201 and AVT 202. Designed to prepare students for the FAA Instrument Written Examination. Subject areas covered in the course include the IFR air traffic system, various publications and regulations, IFR navigation and aids, IFR charts, instrument approaches, and weather.

AVT 302 Instrument Rating - Flight (2)**F, Sp, Su**

Co-requisite: AVT 301. Designed to prepare and to provide students with the flight experience necessary for the FAA Instrument rating.

AVT 303 Commercial Pilot Certification -Ground (3)**F, Sp, Su**

Prerequisites: AVT 201 and AVT 202. Designed to prepare students for the FAA Commercial Pilot Written Examination. Subject areas covered in the course include aerodynamics, high performance and complex airplane operations, weight and balance, NTSB reporting requirements, various publications, and the FARs.

AVT 304 Commercial Pilot Certification - Flight (2)**F, Sp, Su**

Co-requisite: AVT 303. Designed to prepare and to provide students with the flight experience necessary for the FAA Commercial Pilot Certification.

AVT 305 Multi-Engine Rating - Flight (2)**F, Sp, Su**

Prerequisites: AVT 301, AVT 302, AVT 303, and AVT 304. Designed to provide students with the flight experience necessary to meet the FAA requirements for the multi-engine class rating.

AVT 401 Principles of Flight Instructing I (3)**F, Sp, Su**

Prerequisites: AVT 201 and AVT 202. Designed to prepare students for the FAA Fundamentals of Instructing Written Examination and for the FAA Basic Ground Instructor Written Examination.

AVT 402 Principles of Flight Instructing II (3)**F, Sp, Su**

Prerequisites: AVT 301, 302, 303, 304, and 401. Designed to prepare students for the FAA Advanced Ground Instructor Written Examination and the Instrument Ground Instructor Written Examination.

AVT 405 Multi Engine Aircraft Systems (3)**F**

Prerequisite: AWS 201. This course will focus on the aircraft systems, hydraulics, flight, and fuel, as they relate to modern jet powered aircraft.

AVT 411 Certified Flight Instructor - Airplane (2)**F, Sp, Su**

Prerequisites: AVT 301, AVT 302, AVT 303, and AVT 304. Co-requisite: AVT 401. Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with an Airplane Single-engine Land Rating.

AVT 412 Certified Flight Instructor - Instrument (2)**F, Sp, Su**

Prerequisite: AVT 411. Co-requisite: AVT 402. Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with an Instrument Airplane Rating.

AVT 413 Certified Flight Instructor - Multi-Engine (2)**F, Sp, Su**

Prerequisite: AVT 411. Co-requisite: AVT 402. Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with a Multi-Engine Land Rating.

GENERAL EDUCATION

FMC 101 Education and Life Seminar (3)

F, Sp, Su

This course is designed to help new college students develop study habits, attitudes and knowledge which will lead to academic success. The course content includes Florida Memorial University's history and resources, time management, study methods, memory techniques, career exploration, and cultural literacy.

REA 101 Critical Thinking and Reading (3)

F, Sp, Su

Prerequisite: Successful completion of DSR 099 or the required minimum score on the placement or diagnostic tests. This course develops and strengthens the critical thinking skills needed for reading college and professional materials, and will include bias and propaganda, fallacies, connotation/denotation, inductive/deductive reasoning, problem-solving, and inferential thinking. Students will read and discuss a wide range of materials taken from the various disciplines, and will complete projects which incorporate critical thinking abilities.

GEOGRAPHY

GEO 302 Cultural Geography (3)

F, Su

A study of humans' activities in the light of the interaction and interdependence of the physical and cultural environments. The emphasis will be placed on the relationship between persons and environment through time and on the distribution of population settlement and resource utilization processes which have transformed natural landscapes into cultural landscapes. Permission of instructor required.

GEO 303 World Regional Geography (3)

Sp, Su

The geography of the world's major cultural regions. Emphasis on geographic aspects of contemporary economic, social, and political conditions. Permission of the instructor required.

GEO 304 Population Studies (3)

Sp

A study of demographic patterns, fertility, birth rates, death rates, and a comparison of population growth and problems and issues.

HEALTH EDUCATION

HED 211 Human Sexuality (3)

F, Sp, Su

Prerequisite: Successful completion of PED 110. This class addresses human sexuality as a dynamic and complex force that involves psychological, socio-cultural, and physiological dimensions.

HED 221 Nutritional Health (3)

F, Sp, Su

Prerequisite: Successful completion of PED 110. This class is designed to provide students with information about the science of food and the effects that diet and nutrition have on a person's well-being.

HED 231 Substance Abuse (3)**F, Sp, Su**

Prerequisite: Successful completion of PED 110. This class is designed to provide students with information about the historical and social context in which the drugs were presented in addition to how drugs affect our lives. These drugs include human psychoactive drugs, alcohol, coffee, and cigarettes.

HED 311 Communicable Diseases (3)**F, Sp, Su**

Prerequisite: Successful completion of PED 110. This class is designed to provide students with information about the nature, prevention, control, and treatment of various communicable, acute, and chronic diseases.

HED 321 Environmental Health (3)**F, Sp, Su**

Prerequisite: Successful completion of PED 110. This class is designed to provide students with information about the interactions of humans with their environment and the impact of the interactions on their health.

HED 411 Mental and Emotional Health (3)**F, Sp, Su**

Prerequisite: Successful completion of PED 110. This class is designed to provide students with information about the impact of stress and emotions on mental health.

HED 421 Consumer Health (3)**F, Sp, Su**

Prerequisite: Successful completion of PED 110. This class is designed to provide students basic necessary information about all consumer products, services, and consumer protection vehicles that influence the health and welfare of people.

HISTORY

HIS 101 World Civilization I (3)**F, Sp, Su**

This is an intensive reading and writing course. This survey course provides a balanced perspective on the birth of civilization and the development of early human cultures. It includes a prehistoric vision of the world beginning with great river valleys and extending to the age of reason and the scientific revolution.

HIS 102 World Civilization II (3)**F, Sp, Su**

This is an intensive reading and writing course. This course provides a chronological survey of persons and their institutions from the age of reason and science to the present. Emphasis is placed on understanding the development of political, social, economic, philosophical, and religious ideas of various cultures.

HIS 103 African American History I (3)**F, Sp, Su**

This is an intensive reading course. The course promotes the awareness and exploration of relevant books and materials concerning the lives, struggles, achievements, and contributions of African Americans. An opportunity is provided for students to view the past and investigate the present.

HIS 104 African American History II (3)

F, Sp, Su

This is an intensive reading course. This course is a continuation of African American History I and allows for the study of relevant books and materials concerning the African American experience through the Post-Reconstruction era, the age of Accommodation, Harlem Renaissance, the Civil Rights era, and beyond.

HIS 200 History of the United States of America (3)

F, Sp, Su

This is an intensive reading and writing course. A survey of the main events of the history of the United States of America from the Age of Discovery to the present.

HIS 300 Historical Thought and Writing (3)

F, Sp

A seminar designed to introduce students to historical perspectives and to the process of writing history. Practice in critical analysis, research methodology, documentation, bibliographic forms and composition, culminating in a major research paper.

HIS 321 U.S. History to 1865 (3)

F

Prerequisite: HIS 200. An intensive survey of the main events in the discovery and settlement, independence, and growth of the United States to the end of the Civil War.

HIS 324 U.S. History Since 1865 (3)

Sp

Prerequisite: HIS 200. A survey of the history of the United States from 1865 to the present, with emphasis on the interaction of political, social, and economic developments in the light of the nation's heritage and its contributions to the world community.

HIS 335 Africa in the Modern World (3)

F

This course provides students with the historical background needed to understand Africa. Focuses on major political, social, economic, and cultural developments from the rise of the transatlantic slave trade to the present.

HIS 350 History of the Caribbean (3)

Sp

Development of the major islands of Cuba, Hispanola, Jamaica, and Puerto Rico from colonial times to the present. Emphasizes evolution of plantation societies, slavery and race relations, international rivalries, economic dependence, and political independence. Offered in alternate years.

HIS 400 History of the Non-Western World (3)

Sp

Prerequisites: HIS 101 and 102. Survey of the history of three major areas of the non-western world: the Middle East and India, the Far East and Africa. Emphasis will be placed upon historical, political, economic, and social conditions.

HIS 405 Women in U.S. History (3)

F

Beginning with European and African backgrounds, the course will trace the experience of women in the United States from the Colonial to the present periods. Emphasis will be given to historical and contemporary issues in the women's

movements and to the efforts of women as workers, professionals, volunteers, and political activists in the shaping of our national history.

HIS 410 History of Florida and the South (3)**Sp**

A survey course of the political, economic, social, and cultural development of Florida and the South, with special emphasis on the nineteenth and twentieth centuries.

HIS 420 Independent Study (3)**F, Sp, Su**

Guided readings or activities in the social sciences. Open to students majoring in the social sciences. Permission of instructor required.

HIS 430 Selected Topics in History (3)**Su**

Topics will vary from year to year. Seminars may be held on American, African, European, or Asian History. This course involves an intensive study of some phase of history. Emphasis will be placed on historical methods, research techniques, and the teaching of history. Open to juniors and seniors by permission of instructor.

HONORS

ENG 104H & ENG 105H College Writing Honors (3)**F, Sp**

The course sequence ENG 104 and ENG 105 provides students with both a reading and writing intensive format. Students respond to works of authors of world literature as well as philosophy through writing assignments, group discussions, and oral presentations. The goal of all writing assignments is the production of a scholarly term paper with appropriate documentation at the end of each respective semester.

CSC 202H Technology (3)**F, Sp**

An in-depth exposure to the use of information technology in academia, business, and society. Special emphasis is placed on technology applications using microcomputers, spreadsheets, database and word processing software, and use of the Internet.

HIS 201H, 202H, African American History I, II (Honors) (3)**F, Sp**

This two-semester course sequence scans the varied landscape of African, Caribbean and African American history and the multifaceted experiences of people of the African Diaspora. Employing a pedagogy based on lectures which make connections between the present and past experiences of African people.

MAT 103H, 104H, Honors Mathematics I, II, (3)**F, Sp**

These two honors courses offered in sequence cover mathematical systems, modular arithmetic, structure algebra, basic algebraic operations, determinants, set theory, and logic.

RSC 303H Research Methods (3)

F, Sp

This course prepares students to use the scientific method to plan for and conduct scholarly research. Exposure will be given in designing a research study by formulating a problem statement, objectives, and hypotheses, as well as data collection, statistical analysis, and presentation.

RSC 403H Honors Thesis (3)

F, Sp, Su

A culmination of the student's scholarly research activities. The thesis will be prepared by the student in conjunction with a faculty advisor. The thesis will be a scholarly document and presented for final approval to a faculty committee.

SCI 104H, 105H Insight I, II (3)

F, Sp

This two course sequence provides an overview of astronomy, physics, chemistry, and earth science. Using energy as its central theme, the courses cover the production and utilization of energy in plants and animals, energy consumption, and energy flows.

SEM 101H, 102H Honors Seminar I, II (2)

F, Sp

This two-semester course affords the students the opportunity to study in depth topics of particular importance to society. The topics include global issues, use of information technology, and ethical questions. Written exercises and individual and group presentations are integral components of the Honors Seminars.

HUMAN RESOURCE MANAGEMENT

HRM 350 Human Resource Management (3)

F, Sp, Su

Prerequisite: BUS 211. Introduction to the management of effectively utilizing human resources in organizations. Emphasis is on employment law, recruitment, selection, training, performance appraisal, compensation, and labor relations.

HRM 360 The Legal Environment of Human Resource Management (3)

Prerequisite: HRM 350. The law as it pertains to the process of Human Resource Management, with special emphasis on equal employment opportunity law.

HRM 380 Compensation Management

F, Sp

Prerequisite: Junior or Senior standing, BUS 380. The principles of compensation management, job analysis and evaluation, establishment and administration of pay systems, employee benefits, and executive compensation.

HRM 410 Labor Relations

Prerequisite: Junior or Senior standing, BUS 350, HR 370. The role of management and unions in our society, labor-management problems and their resolution, the collective bargaining process, the legal framework of labor-management relations, administration of the labor contract.

HRM 420 Staffing and Development

Prerequisite: Junior or Senior standing, BUS 350, HR 370. The role of human resource professionals at every stage of the employment process from hiring to posting, staffing policies, internal and external recruitment, HR development strategies and training programs development.

HRM 430 Creating Productive Relationships

Prerequisite: Junior or Senior standing, BUS 350. A practical and theoretical course dealing with behavior. Emphasis will be placed on identifying and classifying behavior in order to understand behavior and to develop strategies for effectively managing interpersonal relationships. Exercises and role playing to illustrate major points.

MARKETING

MAR 301 Principles of Marketing (3)**F, Sp, Su**

Prerequisites: MAT 102, ENG 102. A introduction to the field of marketing and its related concepts. The course focuses on how to facilitate mutually satisfying exchanges in both the business to consumer market and the business to business market.

MAR 361 Retail Marketing (3)**F**

Prerequisite: MAR 301. An examination of the role of retailing in marketing. Attention is focused on fundamentals for successful retail management. This course emphasizes basic marketing principles, procedures, and the selling environment. Major attention is paid to aligning the marketing mix in response to unfulfilled customer needs.

MAR 362 Personal Selling (3)**F**

Prerequisite: MAR 301. Learning to develop and apply essential professional selling skills to effectively market yourself and the organization you represent. Basic concepts, processes, and techniques for selling, including customer analysis, prospecting, developing rapport, handling objections, customer service, and other related areas.

MAR 363 Direct Marketing Management (3)**Sp**

Prerequisite: MAR 301. A study of the examination of the concepts, strategies, and applications involved in direct marketing, including direct mail, direct response advertising, telemarketing, catalogs, broadcast and co-ops. Measurability, accountability, lists, database management, and the integration of direct marketing programs into the marketing mix.

MAR 395 Consumer Behavior (3)**F, Sp**

Prerequisite: MAR 301, PSY 200 or SOC 200. A description and conceptual analysis of consumer buyer behavior. The focus is on the theory and research essential to the understanding of individual choice behavior.

MAR 460 Advertising (3)

Sp

Prerequisite: MAR 301. A study and analysis of successful advertising principles. This enables students to appraise advertising effectiveness as a marketing tool and assess its social and economic significance.

MAR 461 Marketing Channels (3)

Sp

Prerequisites: MAR 301, MAR 395. This course focuses upon institutions, functions and decision-making in marketing channels. Wholesaling and distribution systems in retailing are emphasized. The causes and resolution of channel power and conflict are also addressed.

MAR 462 International Marketing (3)

Sp

Prerequisite: MAR 301. A global approach to the study of comparative marketing systems, including economic, social, technological, governmental, and political environments as they affect international marketing operations.

MAR 463 Survey of E-Commerce (3)

Sp

Prerequisite: MAR 301. This course is designed to provide an overview of a new paradigm for business transactions. Focuses on electronic interactions and exchanges amongst businesses, between businesses and consumers, and the infrastructure providers as they converge for the purchase and sale of goods, services, ideas, and information over the Internet.

MAR 487 Seminar in Marketing (3)

Sp

Prerequisites: Junior standing and approval of the Chairperson. This course examines consideration of current issues in marketing. Readings required from current marketing publications and other related periodicals.

MAR 490 Service Marketing (3)

F

Prerequisites: MAR 301, MAR395. This course examines product support services, the nature and characteristics of service, and the building of customer satisfaction through the facilitating of mutually satisfying exchange. Special attention will be given to survey instruments such as the relevant dimensions of service quality.

MAR 495 Marketing Research (3)

F, Sp

Prerequisites: BUS 312, MAR 301. A study of fundamental techniques of market research. Students define marketing problems, develop methodology, gather and process secondary and primary sources of information. The results are formally communicated.

MATHEMATICS

MAT 101 College Mathematics I (3)

F, Sp, Su

Prerequisite: Successful completion of DSM 099 or the required minimum score on the placement test. This is an intermediate algebra course. It covers linear equations and inequalities in one and two variables and their graphs. This course also covers polynomials and factoring, rational expressions, roots and radicals, and quadratic equations.

MAT 102 College Mathematics II (3)**F, Sp, Su**

Prerequisite: Successful completion of MAT 101 or the required minimum score on the placement test. This course provides students with the necessary mathematical background for matriculating in the degree-granting schools. It covers basic aspects of sets, other bases, symbolic logic, statistics, probability, and plane geometry.

MAT 105 Integrated Mathematics (3)**F, Sp, Su**

Prerequisite: Successful completion of MAT 101 with a grade of "C" or better. This course is a thorough treatment of the mathematics appropriate for future educators. It includes basic mathematical concepts and operations and geometric concepts.

MAT 111 College Algebra (3)**F, Sp, Su**

Prerequisite: Placement test result or successful completion of MAT 102. This course is an in-depth study of the real number system and its subsystems. It includes geometric view, representations, rational approximation or irrational numbers, laws of exponents and radicals, field properties of arithmetic operations, polynomials, rational expressions, complex number, algebraic equations, inequalities, intervals, algebraic inequalities, the Cartesian plane, distance and midpoint formulae, functions, representation of functions, notation, domain and range, evaluation of functions.

MAT 112 Pre-Calculus (3)**F, Sp, Su**

Prerequisite: Completion of MAT 111 with a grade of "C" or better or permission of instructor. This course is an in-depth study of the concept of functions and their representations: polynomial, piecewise-defined, absolute value, rational, radical functions; sum difference, product, quotient, and composition of functions; systems of (2x2) linear equations.

MAT 113 College Trigonometry (3)**F, Sp, Su**

Prerequisite: Completion of MAT 111 with a grade of "C" or better. This course is an in-depth study of properties of trigonometric functions and their graphs, inverse trigonometric functions, and polar coordinates.

MAT 200 Applied Calculus (4)

Prerequisite: MAT 112 with grade of "C" or better. The applications of calculus using computer algebra systems. A brief review of functions and plane analytic geometry; intuitive and geometric definitions of limit, continuity and derivatives; derivatives of elementary functions; applications of derivatives including optimization problems taken from various disciplines; indefinite integral, Riemann sums and definite integral; elementary techniques of integration; and applications of integration in various disciplines.

MAT 201 Calculus I (3)

Prerequisite: MAT 113 with grade of "C" or better, or permission of instructor. A brief review of functions and plane analytic geometry; intuitive and geometric

definitions of limit, continuity and derivative; differentiation of elementary functions; and applications of derivatives, including sketching graphs of functions, and optimization problems.

MAT 202 Calculus II (3)

Prerequisite: MAT 201 with grade of "C" or better. Indefinite integral, Riemann sums and definite integral, elementary integration techniques, and applications of integration.

MAT 205 Introduction to Probability and Statistics (3)

F, Sp, Su

Prerequisite: MAT 112 with grade of "C" or better. Probability concepts, discrete and continuous distributions, random variables, expectation and variance, frequency distribution, statistical inferences and sampling, hypotheses testing for the mean and variance of a population.

MAT 210 Discrete Mathematics I (3)

Prerequisite: MAT 112 with grade of "C" or better. Propositional and predicate logic, set theory, axiomatic construction of mathematical structures, mapping, cardinal numbers, and principles of mathematical induction.

MAT 211 Discrete Mathematics II (3)

Prerequisite: MAT 210 with grade of "C" or better. Boolean Algebra, combinatorics, elementary graphs theory, trees, recurrence relations, and elementary dynamical systems.

MAT 301 Calculus III (3)

Prerequisite: MAT 202 with grade of "C" or better. Inverse functions, integration techniques, L'Hospital's rule and indeterminate forms, improper integration differentiation and integration of functions in polar and parametric forms, and infinite sequences and series.

MAT 302 Multivariable Calculus (3)

Prerequisite: MAT 202 with grade of "C" or better. A short review of calculus of one variable; three dimensional coordinate systems; scalar valued functions of several variables and their graphs; equations of curves, surfaces, and solids; limits; continuity; partial derivatives of several variables; applications of derivatives; multiple integration of scalar valued functions.

MAT 303 History of Mathematics (3)

Prerequisite: MAT 202 with grade of "C" or better. Origins of arithmetic and geometric concepts in early cultures, the development of mathematics in African, Chinese, Hindu, Arabic, and other cultures, mathematics in the 17th and 18th centuries, mathematics in the 19th and 20th centuries.

MAT 305 College Geometry (3)

Prerequisite: MAT 202 with a grade of "C" or better or permission of instructor.

Properties of points, lines, planes; study of geometric figures: rays, line segments, curves, polygons; properties of parallel lines; properties of triangles and polygons; the Pythagorean theorem, congruency and similarity of triangles; measurements of angles, area, and volume; transformation geometry; non-Euclidean geometry.

MAT 307 Number Theory (3)

Prerequisite: MAT 112 with grade of "C" or better. Properties of numbers, divisibility, Euclidean Algorithm, congruence and residue classes, Diophantine equations, and quadratic residues.

MAT 309 Introduction to Modern Algebra (3)

Prerequisite: MAT 211. Algebraic systems, equivalence classes, groups, rings, and fields.

MAT 350 Linear Algebra I (3)

Prerequisite: MAT 112 with grade of "C" or better. Matrices and their operations, systems of equations and matrices, determinants; properties of $\mathbb{R}^n$: linear combinations, linear dependence and independence, basis, dimension, subspaces, matrices as linear transformations, inner product, eigenvalues, and eigenvectors.

MAT 351 Linear Algebra II (3)

Prerequisite: MAT 350, MAT 201 with grade of "C" or better. Abstract vector spaces, linear transformations, positive definite matrices, canonical forms of matrices, applications in difference and differential equations.

MAT 402 Advanced Calculus (3)

Prerequisite: MAT 302 with a grade of "C" or better. A rigorous treatment of the real and complex number systems, elements of set theory; limits, continuity, differentiability, and integration, numerical sequences and series; sequences and series of functions; power series; functions of several variables.

MAT 403 Real Analysis (3)

Prerequisite: MAT 301 with a grade of "C" or better. Sets and functions; sequences of real numbers; series of real numbers; metric spaces; limits of a function on metric spaces; continuous functions on metric spaces; connectedness, completeness and compactness; elementary functions and Taylor series; sequences and series of functions.

MAT 404 Topology (3)

Prerequisite: MAT 403 with grade of "C" or better. Sets and functions; metric spaces; topological spaces; matrix, product and quotient spaces; compactness and connectedness; function spaces.

MAT 405 Vector Calculus (3)

Prerequisite: MAT 302 with grade of "C" or better. The geometry of Euclidean space; vector-valued functions; limits, continuity and partial derivatives of vector-valued functions; integration; line and surface integral.

MAT 406 Complex Variables (3)

Prerequisite: MAT 302 with grade of "C" or better. Complex numbers and their algebraic properties; elementary functions of complex variables; mapping; limit, continuity, differentiability, and integral of functions of complex variables; sequences and series of complex numbers; transformations.

MAT 409 Dynamical Systems (3)

Prerequisite: MAT 201 and MAT 350 with grade of "C" or better. Continuous dynamical systems: functions, iteration using technology, orbits, fixed and periodic points, logistic function, graphical analysis, stability, analysis of quadratic functions, chaotic quadratic functions; introduction to discrete dynamical modeling, deriving discrete dynamical systems, equilibrium points, cobwebs, deriving difference equations, linear dynamical systems and applications to finance, social sciences, and Markov chains; nonlinear discrete dynamical systems and model of population growth and harvesting strategies, Newton's method, stability, bifurcation, and chaos.

MAT 410 Ordinary Differential Equations (3)

Prerequisite: MAT 301 with grade of "C" or better. First order linear and nonlinear equations, numerical methods, second and higher order linear equations, series solutions, systems of linear and nonlinear equations, phase plane, stability; applications.

MAT 411 Numerical Analysis I (3)

Prerequisite: MAT 410 with a grade of "C" or better. The real number system, error analysis, solutions of nonlinear equations, interpolation and approximation, and numerical differentiation and integration.

MAT 412 Numerical Analysis II (3)

Prerequisite: MAT 411 with a grade of "C" or better. Matrices and systems of linear equations, solutions of difference and differential equations, and boundary-value problems.

MAT 414 Probability Theory (3)

Prerequisite: MAT 205, MAT 202 with grades of "C" or better. Finite probability spaces, random variables and combinations of events; dependence and independence, elementary limit theorems, infinite probability spaces, probability density and distribution functions, expectations, moment generating functions, and Central Limit Theorem.

MAT 420 Directed Reading I (3)

Prerequisite: Permission of Instructor. An introduction to the techniques of scientific investigation. Students, with the help of the instructor, choose a problem in mathematics and design a procedure for investigation. The problem may not be original; the purpose is to help students broaden and integrate their background in mathematics. Students write reports on their investigation with well-docu-

mented supporting evidence and present them to the instructor. Then they defend their investigation orally before colleagues, faculty, and visitors during the final week of the semester.

MAT 421 Directed Reading II (3)

Open to students who have successfully completed or want to continue with their investigation of the problem that they have chosen in MAT 420.

MAT 450 Senior Project in Mathematics (3)**F, Sp, Su**

Prerequisite: Senior standing. This course is an introduction to the technique of scientific investigation. Senior students, with the help of a mathematics faculty, choose problems in mathematics and design procedures for investigation, investigate, write well-documented reports, and present them orally before colleagues and faculty. The problem may not be original; the purpose is to expose students to scientific investigate techniques.

MODERN FOREIGN LANGUAGES

French**FRE 201 Elementary French I (3)****F, Sp, Su**

Pre-Co-requisite: ENG 101. This course introduces the phonetic and spelling systems of the French language and emphasizes the four basic language skills (listening, speaking, reading, writing) and cultural aspects of the Francophone world. NOT open to native or near-native speakers of French.

FRE 202 Elementary French II (3)**F, Sp**

Prerequisite: FRE 201. This course continues development of the four basic language skills and advances students in an understanding of the culture of the Francophone world. NOT open to native or near-native speakers of French.

FRE 301 Intermediate French I (3)**F**

Prerequisite: FRE 202 or equivalent. This course emphasizes practice in developing oral skill using readings, dialogues, and dramatic sources. It also emphasizes intermediate grammar skills and develops a fuller understanding of the structure of the French language. Aspects of French culture discussed. NOT open to native speakers.

FRE 302 Intermediate French II (3)**Sp**

Prerequisite: FRE 301 or equivalent. This course emphasizes practice in developing writing skills, focusing on descriptive, narrative, expository and persuasive essay models from newspapers, magazines and literary sources. It also provides practice in grammar skills.

FRE 303 Survey of French Culture and Civilization I (3)**F, Sp**

Prerequisite: FRE 302 or equivalent. This course explores the most important aspects of the culture and civilization of the Francophone world. It includes geography, history, societal, and economic trends, and the folklore of the peoples involved.

FRE 304 Survey of French Culture and Civilization II (3)

F, Sp

Prerequisite: FRE 302 or equivalent. This course explores the most important aspects of the culture and civilization of the Francophone world, focusing on contemporary issues.

FRE 305 Survey of French Literature I (3)

F

Prerequisite: FRE 302 or equivalent. This course surveys the literature of France from its earliest manifestation through the 17th century.

FRE 306 Survey of French Literature II (3)

F

Prerequisite: FRE 302 or equivalent. Continuation of the survey of the literature of France from 18th century to the contemporary period. Literary tendencies in other French speaking regions will be included.

FRE 307 Advanced French Grammar and Composition (3)

F

Prerequisite: FRE 302 or equivalent. A detailed study of traditional grammar and composition, designed primarily for French minors and future teachers. Particular attention will be paid to correct usage in written communication.

FRE 308 Advanced French Composition (3)

F

Prerequisite: FRE 307. A detailed study of the theory and practice of written communication, including a review of syntax and emphasizing rhetoric and style.

FRE 309 Business French (3)

F, Sp

Prerequisite: FRE 302 or equivalent. Concentrated practice in the vocabulary and style of business correspondence and documents used in the present day Francophone world. This course is designed to improve skills in French for native speakers and others desiring to improve professional communication skills in the world of commerce.

FRE 312 French for Native Speakers I (3)

F, Sp

This course is intended for native speakers who have had less than two (2) years or no course work in French in high school. It covers spelling, syntax and grammar, focusing on problems faced by native speakers as well as readings and practice in writing compositions in French.

FRE 313 French for Native Speakers II (3)

F, Sp

Prerequisite: FRE 312. Concentrated practice in developing writing skills, focusing on descriptive, narrative, expository and persuasive essay models from newspapers, magazines and literary sources with special attention to problems faced by native speakers.

FRE 319 Advanced French Reading and Conversation (3)

F, Sp

Concentrated practice in speaking skills at the advanced level. The course requires intensive reading and conversation and oral presentations in the French language. Designed primarily for future teachers. Open to native speakers or others with near native fluency.

FRE 370 French Study Abroad (3-6) Su

This course offers a total immersion in the French language and culture through basic reading, writing and conversation. It focuses on fundamental grammar and on the culture and folklore of the host country. School/Department approval required.

FRE 371 Intermediate French Study Abroad (3-6) Su

Prerequisite: FRE 202. This course offers total immersion in the target language through intermediate reading and conversation. It includes intermediate writing and grammar. Class discussions will focus on contemporary French cultural issues and the folklore of the host country. School/Department approval required.

FRE 444 19th Century French Literature (3) F

A study of the literary trends of the century—Romanticism, Realism and Naturalism and representative works.

FRE 445 20th Century French Literature (3) Sp

A study of the literary trends of the century—surrealism, existentialism, theater of the absurd—and representative works.

FRE 448 African and Caribbean French Literature (3) F

A study of the Negritude literary movement, focusing on its origin, development and influence in contemporary African and Caribbean French speaking regions, including Haiti and others.

Spanish**SPA 201 Elementary Spanish I (3) F, Sp, Su**

Prerequisite: Successful completion of ENG 101. This course and its sequel, SPA 202, constitute the basic sequence in Spanish. Emphasis is on the development of competence in the language. NOT open to native or near-native speakers of Spanish.

SPA 202 Elementary Spanish II (3) F, Sp, Su

Prerequisite: Successful completion of SPA 201. This course completes the sequence in the Spanish language core requirement. It prepares students for advanced course work in Spanish if desired. NOT open to native or near-native speakers of Spanish.

SPA 301 Intermediate Spanish I (3) F, Sp, Su

Prerequisite: SPA 202. This course is a continuation of Spanish 202 stressing improved fluency in spoken and written Spanish as well as reviewing and developing a greater understanding of the structure of the Spanish language. It includes an emphasis on Hispanic culture. NOT open to native speakers of Spanish (See FM Language Requirement).

SPA 302 Intermediate Spanish II (3)

Sp, Su

Prerequisite: SPA 301. This course is a continuation of SPA 301 designed to improve fluency in spoken and written Spanish as well as to review and develop a greater understanding of the structure of the Spanish language. It includes an emphasis on Hispanic culture. NOT open to native speakers of Spanish (See FM Language Requirement).

SPA 308 Advanced Spanish Composition (3)

F

Prerequisite: SPA 302 or permission of instructor. A further review of Spanish grammar and its application in written exercises, focusing on personal, journalistic, and academic topics.

SPA 311 Advanced Spanish Grammar (3)

Sp

Prerequisite: SPA 302 or 324. A further review of Spanish grammar and its application in written exercises focusing on personal, journalistic, and academic topics.

SPA 312 Peninsular Culture and Civilization (3)

F

Prerequisite: SPA 302 or 312 or 324. A survey of the most important aspects of Peninsular (European) Spanish culture, including geography, history, folklore, and social customs of the people of Spain.

SPA 313 Hispano-American Culture and Civilization (3)

Sp

Prerequisite: SPA 302 or 312 or 324. A survey of the most important aspects of Hispano-American culture, including geography, history, folklore, and social customs of the people of the former colonies of Spain.

SPA 314 Survey of Peninsular Spanish Literature (3)

F

Prerequisite: SPA 302 or 324. A survey of representative examples of the most important literary works of Spain from El Cid through the 20th century.

SPA 315 Survey of Hispano-American Literature (3)

Sp

Prerequisite: SPA 302 or 324. A survey of representative examples of the most important literary works of Hispano-America.

SPA 309 Business Spanish (3)

Sp

Prerequisite: SPA 302 or 312. Concentrated practice in the vocabulary and style of commercial correspondence and other business documents as used in present day Spain and Hispano- America. This course is designed to improve skills in Spanish for native speakers and others desiring to improve professional communication in the world of commerce.

SPA 319 Advanced Spanish Reading and Conversation (3)

F

Prerequisite: Successful completion of ENG 101. Concentrated practice in speaking skills at the advanced level. This course requires intensive reading, conversation and oral presentations in Spanish. Designed primarily for future teachers. Open ONLY to native speakers or students with near native fluency.

SPA 323 Spanish for Native Speakers I (3)**F**

Pre-requisite: Successful completion of ENG 101. This course is intended for native Spanish speakers having little or no formal course work in Spanish in high school. It covers spelling and grammar, focusing on problems faced by native speakers as well as readings and practice in writing compositions in Spanish (see FM Language Requirement).

SPA 324 Spanish for Native Speakers II (3)**Sp**

Pre-requisite: Successful completion of ENG 101 and SPA 323. This course is a continuation of SPA 312 and focuses on readings and practice in writing compositions in Spanish. It includes a variety of written materials found in magazines, newspapers and literature. Concentrated practice in developing writing skill (see FM Language Requirement).

SPA 370 Spanish Study Abroad (3-6)**Su**

This course offers a total immersion in Spanish language and culture through basic conversations, readings, and written work. It focuses on fundamental grammar and on the culture and folklore of the host country.

School/Department approval required.

SPA 371 Intermediate Spanish Study Abroad (3-6)**Su**

Prerequisite: SPA 202 or equivalent. This course offers a total immersion in Spanish language and culture through intermediate level conversations, readings, and writings. It focuses on intermediate level writing and grammar. Class discussions will cover contemporary Hispanic cultural issues as well as the history and folklore of the host country. School/Department approval required.

SPA 401 The Hispanic Novel (3)**F**

A survey of the Novel in Spain and Hispano-America. Periods and authors will be specified by the instructor.

SPA 403 El Siglo de Oro (3)**Sp**

Prerequisite: SPA 302 or 324. A survey of the major works of Golden Age of Spanish literature (c. 1520-1650) with particular emphasis on the works of Fray Luis de León, Lope de Vega, Luis de Góngora, Francisco de Quevedo and Pedro Calderón de la Barca.

SPA 407 Cervantes (3)**F**

Prerequisite: SPA 302 or 324. An examination of the major works of Miguel de Cervantes Saavedra with special attention to *El Quijote* and its influence on the development of the modern novel.

MUSIC

MUS 101 Structures of Music I (3)

F, Sp, Su

Prerequisite: MUS 106 or permission of instructor. This course is a continuation of MUS 106 and includes popular music chord symbols, traditional chord symbols (I, IV, V, V7), analysis and arrangement of familiar melodies for solo and accompaniment. Advanced students may test out and receive credit.

MUS 102 Structures of Music II (3)

F, Sp, Su

Prerequisite: MUS 101 or permission of instructor. This course is a continuation of MUS 101 and emphasis is placed on harmonization of diatonic modes, open and closed harmony, chord inversions, non chord tones, and diatonic 7th chords. The course also involves composing and arranging melodic, harmonic, and rhythmic patterns as related to blues, gospel, jazz, etc.

MUS 103 Class Piano I (1)

F, Sp, Su

This course is designed as an introduction to playing the keyboard and fundamental keyboard techniques and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 104 Class Piano II (1)

F, Sp, Su

This course is a continuation of MUS 103 and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 106 Music Fundamentals (3)

F, Sp, Su

Introduction and review of music fundamentals such as the great staff, musical clefs, major and minor scales, key signatures, intervals, and principles of rhythmic notation. Advanced students may test out.

MUS 111 Sightsinging/Eartraining I (2)

F, Sp, Su

The course is designed to improve the reading skills and pitch identification of the student.

MUS 112 Sightsinging/Eartraining II (2)

F, Sp, Su

Prerequisite: MUS 111 or permission of instructor. The course is a continuation of MUS 111 and is designed to improve the reading skills and pitch identification of the student.

MUS 113 Applied Music (1)

F, Sp, Su

This course provides one credit hour of instruction in a major or minor instrument and is open to music and non-music majors. May be repeated for credit.

MUS 131 Applied Voice (2)

F, Sp, Su

This is the level one foundation course for the formal study of voice.

MUS 132 Applied Voice II (2)**F, Sp, Su**

This is the level two foundation course for the formal study of voice and is a continuation of MUS 131.

MUS 133 Applied Keyboard (2)**F, Sp, Su**

This is the level one foundation course for the formal study of keyboards.

MUS 135 Applied Brasswind (2)**F, Sp, Su**

This is the level one foundation course for the formal study of brasswind instruments.

MUS 136 Applied Brasswind II (2)**F, Sp, Su**

This is the level two foundation course for the formal study of brasswind instruments and is a continuation of MUS 135.

MUS 137 Applied Keyboard II (2)**F, Sp, Su**

This is the level two foundation course for the formal study of keyboards and is a continuation of MUS 133.

MUS 141 Concert Chorale (1)**F, Sp, Su**

This course is designed primarily for students preparing to become choir directors and for non-majors with choral music experience. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 142 Concert Chorale II (1)**F, Sp, Su**

This course is a continuation of MUS 141.

MUS 145 Applied Woodwind (1)**F, Sp, Su**

This is the level one foundation course for the formal study of woodwind instruments.

MUS 146 Applied Woodwind II (2)**F, Sp, Su**

This is the level two foundation course for the formal study of woodwind instruments and is a continuation of MUS 145.

MUS 155 Applied Strings (2)**F, Sp, Su**

This is the level one foundation course for the formal study of string instruments.

MUS 156 Applied Strings II (2)**F, Sp, Su**

This is the level two foundation course for the formal study of string instruments and is a continuation of MUS 155.

MUS 161 Concert Band (1)**F, Sp, Su**

This course is designed primarily for students preparing to become band/ orchestra directors and for non-majors with instrumental music experience. A

cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 162 Concert Band (1)

F, Sp, Su

This course is a continuation of MUS 161.

MUS 165 Applied Percussion I (2)

F, Sp, Su

This is the level one foundation course for the formal study of percussion instruments.

MUS 166 Applied Percussion II (2)

F, Sp, Su

This is the level two foundation course for the formal study of percussion instruments and is a continuation of MUS 165.

MUS 168 Applied Steel I (2)

F, Sp, Su

This is the level one foundation course for the formal study of steel pan instruments.

MUS 169 Applied Steel II (2)

F, Sp, Su

This is the level two foundation course for the formal study of steel pan instruments and is a continuation of MUS 168.

MUS 171 Jazz Band (1)

F, Sp, Su

This course is designed primarily for students preparing to become jazz band directors and for non-majors with jazz music experience. Emphasis is placed on sight-reading, performance and leadership skills. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 173 Jazz Band (1)

F, Sp, Su

This course is a continuation of MUS 171.

MUS 180 Chamber Ensemble Pop (1)

F, Sp, Su

This course is designed primarily for students with experience in commercial music. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 181 Chamber Ensemble Pops (1)

F, Sp, Su

This course is designed primarily for students interested in vocal music for the stage. An audition is required. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 182 Chamber Ensemble POP II (1)**F, Sp, Su**

This course is a continuation of MUS 180.

MUS 185 Chamber Ensemble Steel (1)**F, Sp, Su**

This course is designed primarily for students with experience or learning how to play the steel pan. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 186 Chamber Ensemble Steel II (1)**F, Sp, Su**

This course is a continuation of MUS 185.

MUS 196 Music Production Workshop I (1)**F, Sp, Su**

The course is a practicum exploration of the fundamentals of creating and staging musical theater/revues to include script/lyric writing, singing/instrumental development, movement/choreography, and management/promotion. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 197 Music Production Workshop II (1)**F, Sp, Su**

This course is a continuation of MUS 196.

MUS 200 Music Appreciation (3)**F, Sp, Su**

This course is an exposition of the philosophy, principles, and materials of music from earliest times to the contemporary period with illustrative examples from the ancient Egyptians, Greeks, Romans, other ancients and Christians, moderns and contemporaries, emphasizing influences and contributions by Africans and African Americans.

MUS 201 Structures of Music III (3)**F, Sp, Su**

Prerequisite: MUS 102 or permission of instructor. This course is a continuation of MUS 102 and emphasis is placed upon analyzing melodic, harmonic, and rhythmic patterns from eighteenth century, nineteenth century, and early twentieth century compositions. The course also involves composing and arranging melodic, harmonic, and rhythmic patterns as related to blues, gospel, jazz, etc.

MUS 203 Structures of Music IV (Form and Analysis) (3)**F, Sp, Su**

Prerequisite: MUS 201 or permission of instructor. This course prepares the student to be able to analyze the basic forms of composition using accepted practices from traditional and contemporary approaches. The student will be able to analyze and identify the following forms by the end of the course: phrase structure, binary form, ternary form, theme and variation, sonata form, rondo form, the concerto, the symphony, fugue form, blues forms and other jazz forms. The course involves listening and score study techniques.

MUS 204 Class Piano III (1)

F, Sp, Su

This course is a continuation of MUS 104.

MUS 205 Class Piano IV (1)

F, Sp, Su

This course is a continuation of MUS 204.

MUS 207 Jazz Improvisation I (3)

F, Sp, Su

Prerequisite: MUS 102 or permission of instructor. Emphasis is placed upon the embellishment of improvised solos on chords, melodies, and rhythm. Chord progressions and related scales, patterns, clichés as they relate to creative improvisation will be explored, as well as the various stylistic approaches of jazz improvisation.

MUS 208 Jazz Improvisation II (3)

F, Sp, Su

Prerequisite: MUS 201 or permission of instructor. Emphasis is placed upon the embellishment of improvised solos on chords, melodies, and rhythm. Chord progressions and related scales, patterns, clichés as they relate to creative improvisation will be explored, as well as the various stylistic approaches of jazz improvisation.

MUS 209 History of Music I - Western Music (3)

F, Sp, Su

This course is a survey of music of the European Diaspora and its influences from antiquity to the present. Emphasis is placed on societal, cultural and political influences on musicians, their music, and performance practices.

MUS 210 History of Music II - African Diaspora (3)

F, Sp, Su

This course is a survey of music of the African Diaspora and its influences from antiquity to the present. Emphasis is placed on societal, cultural, and political influences on musicians, their music, and performance practices.

MUS 221 History of Music III - World Music (3)

F, Sp, Su

This course is a survey of World Music with special focus on Asian music and its influences from antiquity to the present. Emphasis is placed on societal, cultural, and political influences on musicians, their music and performance practices.

MUS 231 Applied Voice III (2)

F, Sp, Su

This is the level three foundation course for the formal study of voice and is a continuation of MUS 132.

MUS 232 Applied Voice IV (2)

F, Sp, Su

This is the level four foundation course for the formal study of voice and is a continuation of MUS 231.

MUS 233 Applied Keyboard III (2)

F, Sp, Su

This is the level three foundation course for the formal study of keyboards and is a continuation of MUS 133.

MUS 234 Applied Keyboard IV (2)**F, Sp, Su**

This is the level four foundation course for the formal study of keyboards and is a continuation of MUS 233.

MUS 235 Applied Brasswind III (2)**F, Sp, Su**

This is the level three foundation course for the formal study of brasswind instruments and is a continuation of MUS 135.

MUS 236 Applied Brasswind IV (2)**F, Sp, Su**

This is the level four foundation course for the formal study of brasswind instruments and is a continuation of MUS 235.

MUS 238 Vocal Techniques (1)**F, Sp, Su**

This course serves as an introduction to using the human voice as an instrument. Emphasis is placed upon voice production, projection, breathing, and techniques.

MUS 241 Concert Chorale III (1)**F, Sp, Su**

This course is a continuation of MUS 142.

MUS 242 Concert Chorale IV (1)**F, Sp, Su**

This course is a continuation of MUS 241.

MUS 243 Techniques/Brasswinds (1)**F, Sp, Su**

This course serves as an introduction to playing brasswind instruments. Emphasis is placed upon tone production, projection, breathing, and techniques.

MUS 245 Applied Woodwind III (2)**F, Sp, Su**

This is the level three foundation course for the formal study of woodwind instruments and is a continuation of MUS 146.

MUS 246 Applied Woodwind IV (2)**F, Sp, Su**

This is the level four foundation course for the formal study of woodwind instruments and is a continuation of MUS 245.

MUS 247 Techniques/Woodwinds (1)**F, Sp, Su**

This course serves as an introduction to playing woodwind instruments. Emphasis is placed upon tone production, projection, breathing, and techniques.

MUS 255 Applied Strings III (2)**F, Sp, Su**

This is the level three foundation course for the formal study of string instruments and is a continuation of MUS 156.

MUS 256 Applied Strings IV (2)**F, Sp, Su**

This is the level four foundation course for the formal study of string instruments and is a continuation of MUS 255.

MUS 257 Techniques/Strings (1)

F, Sp, Su

This course serves as an introduction to playing stringed instruments. Emphasis is placed upon tone production, projection, and techniques.

MUS 261 Concert Band III (1)

F, Sp, Su

This course is a continuation of MUS 162.

MUS 262 Concert Band IV (1)

F, Sp, Su

This course is a continuation of MUS 261.

MUS 265 Applied Percussion III (2)

F, Sp, Su

This is the level three foundation course for the formal study of percussion instruments and is a continuation of MUS 166.

MUS 266 Applied Percussion IV (2)

F, Sp, Su

This is the level four foundation course for the formal study of percussion instruments and is a continuation of MUS 265.

MUS 267 Techniques/Percussions (1)

F, Sp, Su

This course serves as an introduction to playing percussion instruments. Emphasis is placed upon tone production, projection, and techniques.

MUS 268 Applied Steel III (2)

F, Sp, Su

This is the level three foundation course for the formal study of steel pan instruments and is a continuation of MUS 169.

MUS 269 Applied Steel IV (2)

F, Sp, Su

This is the level four foundation course for the formal study of steel pan instruments and is a continuation of MUS 268.

MUS 271 Jazz Band III (1)

F, Sp, Su

This course is a continuation of MUS 172.

MUS 273 Jazz Band IV (1)

This course is a continuation of MUS 271.

MUS 281 Chamber Ensemble III (1)

This course is a continuation of MUS 181.

MUS 282 Chamber Ensemble Pop IV (1)

This course is a continuation of MUS 281.

MUS 285 Chamber Ensemble Steel III (1)

This course is a continuation of MUS 186.

MUS 286 Chamber Ensemble Steel IV (1)

This course is a continuation of MUS 285.

MUS 291 Music Criticism (3)**F, Sp, Su**

The course is designed to prepare performing arts students to evaluate their preparation and performances. The course focuses on reviewing and writing performing arts reviews for the media.

MUS 296 Music Production Workshop III (1)**F, Sp, Su**

This course is a continuation of MUS 197.

MUS 297 Music Production Workshop IV (1)**F, Sp, Su**

This course is a continuation of MUS 296.

MUS 300 Music Seminars/Recitals (0)**F, Sp, Su**

This course, mandatory for all music majors, focuses on performance and recital techniques, master classes, and discussion of relevant issues with presentations by students, faculty and experts in the field.

MUS 302 Composition/Arranging Vocal (3)**F, Sp, Su**

Prerequisite: MUS 203 or permission of instructor. The course uses standard and contemporary melodies for vocal ensemble arrangements with and without instruments. The student will present at least fifteen minutes of music covering different styles and tempos to be performed by an ensemble.

MUS 304 Piano Class - Accompanying (1)**F, Sp, Su**

Prerequisite: Permission of instructor. This course is suggested for all keyboard principals and focuses on sight reading and score preparation for accompanists through the study of vocal and instrumental literature. Students demonstrating competence in these skills will be assigned to a vocal or instrumental studio, or (by audition), an ensemble.

MUS 305 Class Piano - Accompanying II (1)**F, Sp, Su**

Prerequisite: Permission of the instructor. This course is a continuation of MUS 304.

MUS 306 Anthems, Spirituals and Hymns (3)**F, Sp, Su**

Prerequisite: MUS 203 or permission of instructor. The course is designed for the student to analyze, select, rehearse, and perform anthems hymns, and spirituals for different audiences and congregations.

MUS 307 Spirituals & Lined Hymn Tunes (3)**F, Sp, Su**

This course analyzes the use and practice of African American folk spirituals and lined hymn tunes in traditional and contemporary church services.

MUS 311 Big Band Arranging (3)

F, Sp, Su

Prerequisite: MUS 315 or permission of instructor. This course emphasizes the big band arrangement styles of the Count Basie Orchestra, The Duke Ellington Orchestra, Thad Jones, and others. Various jazz styles from swing to modern contemporary music will also be explored. Students are required to write and perform two big band arrangements for jazz ensemble.

MUS 312 Conducting (3)

F, Sp, Su

Prerequisite: MUS 203 or permission of instructor. This course serves as an introductory course to basic conducting patterns in simple, duple, and triple meters. Particular emphasis is placed on executing the anacrusis, fermata, and tempo changes.

MUS 313 Conducting II (Choral) (1)

F, Sp, Su

Prerequisite: MUS 203 or permission of instructor. This course is a continuation of MUS 312. Emphasis is placed on choral conducting technique. Left hand expression, vocal warm-ups, and choral rehearsal techniques are analyzed. Students study repertoire from the middle ages through contemporary times and learn scene reading techniques, complex meter and rhythmic devices.

MUS 314 Conducting II (Instrumental) (1)

F, Sp, Su

Prerequisite: MUS 203 or permission of instructor. This course is a continuation of MUS 312. Emphasis is placed on instrumental conducting technique. Left hand expression, orchestral and band warm-ups, and instrumental rehearsal techniques are analyzed. Orchestra/band repertoire from the Baroque Period through contemporary times is studied. Students learn score reading techniques and complex meter and rhythmic devices.

MUS 315 Small Ensemble Arranging (3)

F, Sp, Su

Prerequisite: MUS 203 or permission of instructor. The course uses standard and contemporary melodies for small ensemble arrangements with and without vocals. The student will present at least fifteen minutes of music covering different styles and tempos to be performed by an ensemble.

MUS 331 Applied Voice (2)

F, Sp, Su

Prerequisite: Four semesters of MUS 232 or permission of instructor. This course serves as the advanced level of training for the voice student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The voice major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 332 Applied Voice VI (2)

F, Sp, Su

Prerequisite: MUS 331 or permission of instructor. This course serves as the second advanced level of training for the voice student. The course prepares students for the senior recital, professional auditions, and graduate study. The voice major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 333 Applied Keyboard (2)**F, Sp, Su**

Prerequisite: MUS 234 or permission of instructor. This course serves as the advanced level of training for the keyboard student. The course prepares students for the senior recital, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 334 Applied Keyboard VI (2)**F, Sp, Su**

Prerequisite: MUS 333 or permission of instructor. This course serves as the second advanced level of training for the keyboard student. The course prepares students for the senior recital, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 335 Applied Brasswind V (2)**F, Sp, Su**

Prerequisite: MUS 234 or permission of instructor. This course serves as the advanced level of training for the brasswind student. The course prepares students for the senior recital, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 336 Applied Brasswind VI (2)**F, Sp, Su**

Prerequisite: MUS 335 or permission of instructor. This course serves as the second advanced level of training for the brasswind student. The course prepares students for the senior recital, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 337 Electronic Music (2)**F, Sp, Su**

Prerequisite: MUS 311 or permission of the instructor. This course serves as an introduction to composing, arranging, editing, and printing music using various music software programs with the computer and synthesizer. This course covers the fundamentals and practical applications of a digital audio system, as well as methods for functioning in an integrated MIDI/Digital Audio Workstation (DAW)/Analog studio environment.

MUS 338 Digital Audio Basics/Digital Systems**F, Sp, Su**

Prerequisite: MUS 337 or permission of the instructor. This course serves as an introduction to composing, editing, mixing using various MIDI controllers, MIDI sequencer programs and "soft" synthesizers.

MUS 340 Principles of Audio Technology (2)**F, Sp, Su**

Prerequisite: MUS 337 or permission of instructor. This course is a continuation of MUS 337.

MUS 341 Concert Chorale V (1)

F, Sp, Su

This course is a continuation of MUS 242.

MUS 342 Concert Chorale VII (1)

F, Sp, Su

This course is a continuation of MUS 141.

MUS 345 Form and Analysis (3)

F, Sp, Su

The course prepares the student to analyze the basic forms of composition using accepted practices from traditional and contemporary approaches.

MUS 348 Applied Woodwind V (2)

F, Sp, Su

Prerequisite: MUS 246 or permission of instructor. This course serves as the first advanced level of training for the woodwind student. The course prepares students for the senior recital, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 350 Applied Woodwind VI (2)

F, Sp, Su

Prerequisite: MUS 246 or permission of instructor. This course serves as the second advanced level of training for the woodwind student. The course prepares students for the senior recital, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 355 Applied Strings V (2)

F, Sp, Su

Prerequisite: MUS 256 or permission of instructor. This course serves as the first advanced level of training for the string student. The course prepares students for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 356 Applied Strings VI (2)

F, Sp, Su

Prerequisite: MUS 355 or permission of instructor. This course serves as the second advanced level of training for the string student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 361 Concert Band V (1)

F, Sp, Su

This course is a continuation of MUS 262.

MUS 362 Concert Band VI (1)

F, Sp, Su

This course is a continuation of MUS 361.

MUS 364 History of Jazz (3)**F, Sp, Su**

Emphasis is placed on the importance of jazz and the representation of jazz from its early inception in the late 1899s to the late 1900s. The course promotes a critical analysis of the various styles and the most influential musicians and bands from early jazz, hard bop, cool jazz, avant-garde (free-jazz), and fusion.

MUS 365 Applied Percussion V (2)**F, Sp, Su**

Prerequisite: Four semesters of MUS 165 or permission of instructor. This course serves as the first advanced level of training for the percussion student. The course prepares students for the senior recital, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 366 Applied Percussion VI (2)**F, Sp, Su**

Prerequisite: MUS 365 or permission of instructor. This course serves as the second advanced level of training for the percussion student. The course prepares students for the senior recital, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 367 Instrumental Methods (3)**F, Sp, Su**

The course is designed as an introduction to the development, tone production, and fingering for brasswinds, woodwinds, strings, and percussions.

MUS 368 Applied Steel V (2)**F, Sp, Su**

Prerequisite: MUS 269 or permission of instructor. This course serves as the first advanced level of training for the steel pan student. The course prepares students for the senior recital, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 369 Applied Steel VI (2)**F, Sp, Su**

Prerequisite: MUS 368 or permission of instructor. This course serves as the second advanced level of training for the steel pan student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 370 History of Popular Music (3)**F, Sp, Su**

Emphasis is placed upon the history, styles, musicians, and sociological conditions of its development.

MUS 371 Jazz Band V (1)**F, Sp, Su**

This course is a continuation of MUS 272.

MUS 372 Jazz Band VI (1) This course is a continuation of MUS 371.	F, Sp, Su
MUS 381 Chamber Music Pop V (1) This course is a continuation of MUS 282.	F, Sp, Su
MUS 382 Chamber Music Pop VI (1) This course is a continuation of MUS 381	F, Sp, Su
MUS 385 Chamber Ensemble Steel V (1) This course is a continuation of MUS 286.	F, Sp, Su
MUS 386 Chamber Ensemble Steel VI(1) This course is a continuation of MUS 385.	F, Sp, Su
MUS 394 Jazz Improvisation & Arranging (3) Prerequisites: MUS 207, 208 or permission of instructor. The course is centered around the study and application of various styles of improvisation and arrangement for jazz and its progenitors with emphasis on composing and arranging while performing and writing or recording hard copy. Basic melodic, harmonic and rhythmic patterns and Greek scales will be performed.	F, Sp, Su
MUS 396 Music Production Workshop V (1) This course is a continuation of MUS 297.	F, Sp, Su
MUS 397 Music Production Workshop VI (1) This course is a continuation of MUS 396.	F, Sp, Su
EDU 416 Teaching Music K - 12 (3) Teacher certification course required for music education majors. Prerequisite: Successful completion of 200 and 300 level music courses. Selection and organization of current practices and materials in the elementary and secondary school curriculum of music. It also involves analyzing contemporary methods of teaching music.	F, Sp, Su
MUS 431 Applied Voice VII (2) Prerequisite: MUS 332 or permission of instructor. This course serves as the third advanced level of training for the voice student. The course prepares students for the senior recital, professional auditions, and graduate study. The voice major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.	F, Sp, Su
MUS 432 Applied Voice VIII (2) Prerequisite: MUS 431 or permission of instructor. This course serves as the fourth advanced level of training for the voice student. The course prepares students for the senior recital, professional auditions, and graduate study. The voice major	F, Sp, Su

must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 433 Applied Keyboard VII (2)**F, Sp, Su**

Prerequisite: MUS 334 or permission of instructor. This course serves as the third advanced level of training for the keyboard student. The course prepares students for the senior recital, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 434 Applied Keyboard VIII (2)**F, Sp, Su**

Prerequisite: MUS 433 or permission of instructor. This course serves as the fourth advanced level of training for the keyboard student. The course prepares students for the senior recital, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 435 Applied Brasswind VII (2)**F, Sp, Su**

Prerequisite: MUS 336 or permission of instructor. This course serves as the third advanced level of training for the brasswind student. The course prepares students for the senior recital, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 436 Applied Brasswind VIII (2)**F, Sp, Su**

Prerequisite: MUS 435 or permission of instructor. This course serves as the fourth advanced level of training for the brasswind student. The course prepares students for the senior recital, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 441 Concert Chorale VIII (1)**F, Sp, Su**

This course is a continuation of MUS 342.

MUS 442 Concert Chorale VIII (1)**F, Sp, Su**

This course is a continuation of MUS 441.

MUS 444 Instrumental Methods - Steelpan Making & Tuning (3)**F, Sp, Su**

Prerequisite: Permission of instructor. This course is designed to give the student hands-on experience in making and tuning instruments of the steel orchestra.

MUS 447 Applied Woodwind VII (2)**F, Sp, Su**

Prerequisite: MUS 350 or permission of instructor. This course serves as the third advanced level of training for the woodwind student. The course prepares students for the senior recital, professional auditions, and graduate study. The

woodwind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 449 Applied Woodwind VIII (2)

F, Sp, Su

Prerequisite: MUS 447 or permission of instructor. This course serves as the fourth advanced level of training for the woodwind student. The course prepares students for the senior recital, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 453 Introduction to Church Music (3)

F, Sp, Su

This course defines the development of authentic religious music practices and genres, influences from various traditional and non-traditional church denominations and institutions. It examines the history and politics of church denominations as related to the roles and functions of church musicians and music ministry management.

MUS 455 Applied Strings VII (2)

F, Sp, Su

Prerequisite: MUS 356 or permission of instructor. This course serves as the third advanced level of training for the string student. The course prepares students for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 456 Applied Strings VIII (2)

F, Sp, Su

Prerequisite: MUS 455 or permission of instructor. This course serves as the fourth advanced level of training for the string student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 461 Concert Band (1)

F, Sp, Su

This course is a continuation of MUS 362.

MUS 462 Concert Band (1)

F, Sp, Su

This course is a continuation of MUS 461.

MUS 465 Applied Percussion VII (2)

F, Sp, Su

Prerequisite: MUS 366 or permission of instructor. This course serves as the third advanced level of training for the percussion student. The course prepares students for the senior recital, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 466 Applied Percussion VIII (2)

F, Sp, Su

Prerequisite: MUS 465 or permission of instructor. This course serves as the fourth

advanced level of training for the percussion student. The course prepares students for the senior recital, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 468 Applied Steel VII (2)**F, Sp, Su**

Prerequisite: MUS 369 or permission of instructor. This course serves as the third advanced level of training for the steel pan student. The course prepares students for the senior recital, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 469 Applied Steel VIII (2)**F, Sp, Su**

Prerequisite: MUS 468 or permission of instructor. This course serves as the fourth advanced level of training for the steel pan student. The course prepares students for the senior recital, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 471 Jazz Band VII (1)**F, Sp, Su**

This course is a continuation of MUS 372.

MUS 472 Jazz Band VIII (1)**F, Sp, Su**

This course is a continuation of MUS 471

MUS 473 Electronic Music Lab (1)**F, Sp, Su**

Prerequisite: MUS 338. This course is an introduction to the latest soft and hardware technologies.

MUS 474 Foundations of Music Education (3)**F, Sp, Su F, Sp, Su**

The course defines the historical, psychological, and sociological developments of music education.

MUS 481 Chamber Music Pop VII (1)**F, Sp, Su**

This course is a continuation of MUS 382.

MUS 482 Chamber Ensemble Pop VIII (1)**F, Sp, Su**

This course is a continuation of MUS 481.

MUS 485 Chamber Ensemble Steel VII (1)**F, Sp, Su**

This course is a continuation of MUS 386.

MUS 486 Chamber Ensemble Steel VIII (1)**F, Sp, Su**

This course is a continuation of MUS 485.

MUS 487 Applied Music Recital (1)

F, Sp, Su

Prerequisite: Permission of faculty. This course represents a culmination of systematic training in voice or an instrument. It is required for all graduating students or it may be exempted by faculty upon presentation or documentation of successful performances at the professional level.

MUS 491 Business of Music (3)

F, Sp, Su

This course prepares the student to understand and function as a professional artist in dealing with contracts, copyrights, negotiations, management, recordings, agents, etc.

MUS 492 Emotion and Music (3)

F, Sp, Su

This course presents examples of the way music has been used throughout history, as well as in the present, as a vehicle for modifying the listener's responses. It presents an understanding of ways to perform for different audiences.

MUS 493 Major Applied Research Project I (3)

F, Sp, Su

This course gives the student the opportunity to incorporate professional experiences through a documented format.

MUS 494 Music Internship (3)

F, Sp, Su

This course is designed for the student to gain practical experience in the performing arts field of his or her choice.

MUS 496 Music Production Workshop VII (1)

F, Sp, Su

This course is a continuation of MUS 397.

MUS 497 Music Production Workshop VIII (1)

F, Sp, Su

This course is a continuation of MUS 496.

MUS 498 Major Applied Research Project II (3)

F, Sp, Su

This course is a continuation of MUS 493 and gives the student the opportunity to incorporate professional experiences through a documented format.

MUS 499 Comparative European Languages (3)

F, Sp, Su

This course is designed to introduce the student to basic pronunciation and definition of musical terms and lyrics in French, German, and Italian.

MUSIC BUSINESS

MUB 301 Introduction to Music Business (3)

F, Sp, Su

This course presents the history and development of the music industry, focusing upon contemporary theory and practice.

MUB 311 Computers and Music (3)

F, Sp, Su

This course serves as an introduction to basic computing skill for the musician, exploring Musical Instrument Digital Interface (MIDI) as a tool in the market-

place. Topics include MIDI sequencing, computer-assisted musical notation, and electronic keyboards.

MUB 331 Music Copyright and Publishing (3)**F, Sp, Su**

The course is a study of the national and international protection of intellectual property through laws such as the 1976 Copyright Act. National and international publishing and licensing agreements are examined.

PHYSICAL EDUCATION

PED 110 Dimensions of Wellness (2)**F, Sp**

This university required course provides students with the basic concepts of fitness, health, and nutrition and promotes an involvement with personal well being that indicates a balanced approach to wellness.

PED 210 Swimming (1)**Sp, Su**

This course provides basic instruction in the skills and knowledge of swimming. Elements of the course include crawl, back crawl, sidestroke, breaststroke, swimming and diving techniques.

PED 212 Advanced Swimming (1)**Sp, Su**

Prerequisite: Successful completion of PED 210. This course provides basic instruction in the development of the principal strokes, water skills, and methods of self-preservation.

PED 213 Safety and First Aid (2)**F, Sp, Su**

This course is a comprehensive study in the various areas of general safety education in the total school program, home, and community. It is designed to acquaint students with appropriate first aid techniques used in accidents and injuries.

PED 301 Historical and Philosophical Foundation of Sports and Physical Education (2)

This course is designed for the contemporary undergraduate physical education and kinesiology student and will acquaint the student with the history and philosophy of sport and physical education. It provides materials that could bridge the gap between experience and research in the sub-disciplines of sport history and sport philosophy. In doing so, it may increase the knowledge in the philosophical systems that emphasize holistic thought in a hierarchy of mind over body and help students understand the historical and contemporary nature and demands of professional occupations in physical education.

PED 311 History and Principles of Physical Education (3)**F, Sp**

Prerequisite: Successful completion of 200 level PED courses. Principles of modern physical education programs including the history related to the present day program.

PED 312 Introduction to Sports Philosophy (3)

Sp, Su

Prerequisite: Successful completion of 200 level PED courses. An introductory course dealing with the philosophy of Physical Education as applied to athletics, and community recreation.

PED 314 Social and Community Health (3)

F, Sp, Su

Prerequisite: Successful completion of 200 level PED courses. A study of the social aspects of community problems. Attention will be given to contemporary problems including alcohol, tobacco, substance abuse and communicable diseases.

PED 315 Play and Community Recreation (2)

F

Prerequisite: Successful completion of 200 level PED courses. Recreational activities, especially games of low organization, nature and outings, activities, drama, arts and crafts.

PED 322 Theory of Coaching and Officiating (3)

Sp

Prerequisite: Successful completion of 200 level PED courses. A study of events for students who plan to officiate, coach, score, and analyze play situation. Intramural games will provide the necessary laboratory for this analysis.

PED 323 Individual Group Activities (3)

F

Prerequisite: Successful completion of 200 level PED courses. Demonstration and techniques in individual and group and activities with an analysis of the skills, practice drills, and progression in activities.

PED 401 Organization and Administration of Physical Education Programs (3)

Sp

Prerequisite: Successful completion of 200 level PED courses. Organization and administration of physical education, highlighting the relationship to other functions of the school and athletics.

PED 403 Adaptive and Corrective Physical Education (3)

F

Prerequisites: BIO 101, BIO 200. This course gives students first hand information and contact with children with special needs. Adapted physical education is an individualized program of developmental activities, exercises, games, rhythms, and sport designed to meet the unique physical education needs of disabled individuals. Therefore, this course aids students in adequately planning, organizing, administering, and evaluating an adapted individualized and group physical education program for the disabled.

PED 407 Exercise Physiology (3)

F, Su

Prerequisites: BIO 200 and all 200 and 300 level PED courses. Designed to study the changes in various body mechanisms that occur during exercise including long-term effects of systemic physical training.

PED 408 Kinesiology (3)**Sp**

Prerequisites: BIO 200 and or 200 and 300 level PED course. A comprehensive study of the body and its movements.

PED 410 Care and Prevention of Athletic Injuries (3)**F, Sp, S**

Prerequisites: BIO 200 and all 200 and 300 level PED courses, PED 408. The prevention and care of athletic injuries including advanced techniques in taping, wrapping, and the use of therapeutic modalities.

PED 414 Psychomotor Learning (3)**F, Sp, S**

Prerequisite: EDU 402. A study of muscular activity associated with the mental processes in the acquisition of skills.

PED 499 Independent Study in Physical Education (3)**F, Sp, S**

Prerequisites: Completion of General Core Courses. This course provides independent direction and supervision of a special topic in Physical Education under the supervision of a physical education instructor.

PED 499 Independent Study in Physical Education K-12 (3)

Prerequisite: Completion of General Core Courses. This course provides independent direction and supervision of a special topic in a specific area of Physical Education under the supervision of an education instructor.

PHYSICAL SCIENCE

PSC 101 Physical Science (3)**F, Sp, Su**

Prerequisite: Successful completion of MAT 101. This course is for non-science majors only. It provides a brief overview of the major theories and problems in physics, chemistry, earth science, and astronomy. Topics include elementary mechanics, scientific notation, measurement, atomic structure, energy, electromagnetism, geology, meteorology, and the solar system.

PHYSICS

AST 200 Stellar Astronomy (3)**F, Sp, Su**

Prerequisite: MAT 111. General principles of Astronomy: structure and evolution of stars, stellar systems, galaxies and the universe. Neutron stars and black holes, galactic distances and the expansion of the universe.

PHY 140 General Physics I (3)**F, Sp,**

This remedial physics course is a non calculus-based introductory physics course sequence designed and intended for freshmen students majoring in physics / engineering and who did not take physics at high school. The course covers fundamental concepts of mechanics, forces and equilibrium motion of a particle in one and two dimensions, laws of motion, work and energy, momentum, collisions in one dimension, circular motion, motion of fluids, heat, kinetics, laws of thermodynamics, wave motion and sound.

PHY 141 General Physics I Lab (1)

F, Sp

This entails laboratory courses to accompany PHY140 General Physics I and consisting of experiments in fundamental mechanics, thermodynamics and waves.

PHY142 General Physics II (3)

F, Sp

This is a continuation of PHY 140 covering Electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and physical optics.

PHY143 General Physics II Lab (1)

F, Sp

This laboratory courses accompanies PHY142 General Physics II and consists of experiments in electromagnetics and optics.

PHY 200 College Physics I (3)

F, Sp, Su

Prerequisite: MAT 111 Co-requisite: PHY 201. This course covers fundamental concepts of mechanics, forces and equilibrium; motion of a particle in one and two dimensions, laws of motion, work and energy, momentum, collisions in one dimension, circular motion, motion of fluids, heat, kinetics, laws of thermodynamics, wave motion and sound.

PHY 201 College Physics I Laboratory (1)

F, Sp, Su

Co-requisite: PHY 200. Experiments include laws of linear motion and collisions, extended circular motion, mechanical equivalent of heat, diffraction, polarization, analysis of spectral lines, propagation, reflection, and refraction of light, propagation of heat and expansion of materials.

PHY 202 College Physics II (3)

F, Sp, Su

Prerequisites: PHY 200 and 201 Co-requisite: PHY 203. This is a continuation of PHY 201 covering electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and optical spectra and atomic structure, natural radioactivity and nuclear disintegration.

PHY 203 College Physics II Laboratory (1)

F, Sp, Su

Co-requisite: PHY 202. Experiments include: induction; electric circuits; Ohm's Law; dependence of resistance on length; area, and temperature; parallel and series connection of resistors; motors; electromagnetism and induction; characteristics of parallel plate capacitor; motion of charges in magnetic fields; and deflection of an electron beam by homogeneous magnetic fields.

PHY 250 Physics with Calculus I (4)

F, Sp, Su

Prerequisite: MAT 202 Co-requisite: PHY 251. This course covers the principles of classical mechanics using the techniques of the calculus--vectors, laws of circular motion, work/energy conservation laws, linear and angular momentum,

rotation of rigid bodies, oscillatory motion, the laws of thermodynamics, and the kinetic theory of gases.

PHY 251 Physics with Calculus I Laboratory (1)**F, Sp, Su**

Co-requisite: PHY 250. Experiments include error estimation, laws of linear motion and collision; extended circular motion; mechanical equivalent of heat; diffraction; polarization; analysis of spectral lines; propagation, reflection, and refraction of light; transfer of heat, and expansion of materials using calculus.

PHY 252 Physics with Calculus II (4)**F, Sp, Su**

Prerequisites: PHY 250, PHY 251. Co-requisite: PHY 253. This course covers electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and physical optics using the calculus techniques.

PHY 253 Physics with Calculus II Laboratory (1)**F, Sp, Su**

Co-requisite: PHY 252. Experiments include induction; electric circuits; Ohm's Law; dependence of resistance on length, area, and temperature; parallel and series connection of resistors; motors; electromagnetism and induction; characteristics of parallel plate capacitors; motion of charges in a magnetic field; and deflection of an electron beam by homogeneous magnetic fields.

PHY 310 Modern Physics I(3)**F, Sp, Su**

Prerequisites: PHY 252, PHY 253. Co-requisite: PHY 311. Recent developments in physics are discussed. Subject matter includes review of classical physics, special relativity, four-vectors, wave-particle duality, the hydrogen atom, many electron atoms, nuclear instrumentation, nuclear structure, nuclear reactions, elementary particles, introduction to quantum mechanics, and solid state physics.

PHY 311 Modern Physics I lab (1)**F, Sp, Su**

This entails laboratory courses to accompany Modern Physics I, consisting of experiments in atomic and nuclear physics.

PHY 312 Modern Physics II (3)**F, Sp, Su**

Prerequisites: PHY 310, PHY 311. Co-requisite: PHY 313. Continuation of PHY 310 Modern Physics I. Students study recent developments in physics. Subject matter includes review of classical physics, special relativity, four-vectors, wave-particle duality, the hydrogen atom, many electron atoms, nuclear instrumentation, nuclear structure, nuclear reactions, elementary particles, introduction to quantum mechanics, and solid state physics.

PHY 313 Modern Physics II Lab (1)**F, Sp, Su**

This entails laboratory courses to accompany Modern Physics II, consisting of experiments in atomic and nuclear physics.

PHY 318 Optics (3)

F, Sp, Su

Prerequisites: PHY 312, PHY 313. Geometrical optics and interaction of light with matter.

PHY 320 Thermodynamics (3)

F, Sp, Su

Prerequisites: PHY 312 Modern Physics II. Fundamental principles of thermodynamics, the first, second, and third laws, free energy, entropy, the chemical potential, phase rule and its applications.

PHY 410 Mechanics I (3)

F, Sp, Su

Prerequisites: PHY 252 Physics w/Cal. I. Laws of motion, static's of particles and rigid bodies, motion of particles in one, two, and three dimensions, systems of particles, rigid bodies in a plane, central forces. Accelerated reference systems, rigid body in three dimensions, generalized coordinates.

PHY 411 Mechanics II (3)

F, Sp, Su

Prerequisites: PHY 411 Mechanics II. Lagrangian and Hamiltonian formulations of mechanics, vibrating systems, and normal coordinates.

PHY 440 Electromagnetism I (3)

F, Sp, Su

Prerequisites: PHY 411 Mechanics II. The theory of electromagnetic fields and waves is developed from basic principles. Vector calculus, Coulomb's law, Gauss's Law, electrostatic potential, dielectrics, solutions to Laplace's and Poisson's equations, magnetic induction.

PHY 441 Electromagnetism II (3)

F, Sp, Su

Prerequisites : PHY 440 Electromagnetism I. Vector potential, magnetic materials, Maxwell's equations, and propagation of waves in space and various media are discussed.

PHY 460 Quantum Mechanics I (3)

F, Sp, Su

Prerequisites : PHY 441 Electromagnetism II. A comprehensive introduction to quantum mechanics with wave mechanics applied to standard one dimensional problems and the hydrogen atom.

PHY 461 Quantum Mechanics II (3)

F, Sp, Su

Prerequisites : PHY 460 Quantum Mechanics I. A comprehensive analysis of general matrix formalism; angular momentum, symmetries, perturbation theory and variation methods. Also an introduction to relativistic theory and theory of fields.

PHY 462 Statistical Physics (3)

F, Sp, Su

Prerequisites: PHY 461 Quantum Mechanics II. General probabilistic theory, classical and quantum statistics of equilibrium states and non-equilibrium.

PHY 463 Solid State Physics(3)**F, Sp, Su**

Prerequisites: PHY 462 Statistical Physics. An investigation of crystalline form of solids, lattice dynamics, metals, insulators, semiconductors, crystalline surfaces, and amorphous materials.

PHY 465 Semiconductor Physics (3)**F, Sp, Su**

Prerequisites: PHY 463 Solid State Physics. Introduction to semiconductor physics with some of the latest theories and developments.

PHY 470 Senior Physics Lab (3)**F, Sp, Su**

Prerequisites: PHY 461 Quantum Mechanics II. Advanced laboratory topics are treated. Modern physics laboratory equipment is used and the student is introduced to current laboratory practice.

PHY 480 Senior Research (3)**F, Sp, Su**

Prerequisites: PHY 470 Senior Physics Lab. Students perform original investigation in theoretical or experimental physics under direct faculty supervision.

PHY 481 Seminar in Physics(1)**F, Sp, Su**

Prerequisites: PHY 480 Senior Research. This entails a series of specialized lectures/seminars on selected topics in Physics.

PHY 490 Mathematical Physics I (3)**F, Sp, Su**

Prerequisites: MAT 401. Mathematical methods for physicists: Variation principles, complex variables, partial differential equations, integral equations, and transforms.

PHY 491 Mathematical Physics II (3)**F, Sp, Su**

Prerequisites: PHY 490. Additional mathematical methods for physicists: Perturbation methods, Laplace's and Poisson's Equations, waves, special functions, vector fields, vector waves.

PHY 495 Laser Physics (3)**F, Sp, Su**

Prerequisites :PHY 480 Senior Research. Principles of lasers and laser applications, including atom-field interactions, stimulated emission and dipole oscillators, optical resonators and electromagnetic modes, semi-classical and quantum laser theory, and specific laser systems.

PHY 498 Special Relativity (3)**F, Sp, Su**

Prerequisites: PHY 491 Mathematical Physics II. A detailed study of special relativity: Lorentz transformations relativistic electrodynamics.

PHY 498 General Relativity (3)**F, Sp, Su**

Prerequisites: PHY 491 Mathematical Physics II. General relativity through differential geometry and tensor analysis. Field equations and their solutions and applications are studied.

PHILOSOPHY

PHI 200 Aesthetics (3)

Sp

A survey of aesthetic theory and major contributors.

PHI 301 Introduction to Western Philosophy (3)

F

A survey of Western philosophy and major philosophers.

POLITICAL SCIENCE

POL 301 U.S. Government (3)

F, Su

A survey of the structure, function, theory and practices of the United States government.

POL 302 State and Local Government (3)

Sp, Su

A study of state and local government in America with emphasis on principles, functions and administration of state, county and local government.

POL 311 Comparative Government (3)

Sp

Prerequisite: POL 301. A comparative study of the backgrounds, institutions, and policies of the United States, England, France, the Soviet Union and Sweden.

POL 330 International Politics (3)

F

Prerequisite: POL 301. A study of geographic political, economic and ideological factors which influence the behavior of nations.

POL 331 Politics of Black Americans (3)

Sp

An analysis of the political behavior of Black Americans and the issues which affect them.

POL 333 Politics of Governmental Finance (3)

F

Prerequisite: POL 301. An assessment of politics, planning and administration of governmental budgets.

POL 334 Public Personnel Administration (3)

Sp

Focuses upon the theory, practice and organization of public personnel training, classification, compensation, promotion and human relations.

POL 337 Public Policy Analysis (3)

Sp

A study of the forces shaping public policy and the consequence of policy design, public bureaucracy and their programs and decision making.

POL 338 Administration of Social Services (3)

F, Su

Designed to enable one to understand the process of planning and administering basic social services, including housing, recreation, health care, policy and welfare.

POL 340 Third World Politics (3)

F

An analysis of selected political systems in Africa, Latin America, the Caribbean and Asia.

POL 403 Management of Federal Government (3)

Sp

An investigation of the executive, legislative and judicial branches of government.

POL 407 Constitutional Law I (3)

F, Sp

This course takes a look at the development and philosophies of constitutions. Emphasis is placed on the role, interpretations, and procedures of the Constitution of the United States of America.

POL 408 Constitutional Law II (3)

F, Sp

Prerequisite: POL 407. This course is a continuation of Constitutional Law I and examines the interpretations and amendments of the Constitution. An exploration of constitutional limitations and guarantees is included.

POL 430 Research in Political Science (3)

F, Su

This course deals with principles and techniques of research in political science.

POL 436 Political Theory (3)

Sp, Su

Political thought and writings from Greek antiquity to modern times. Emphasis is placed on the leading political figures.

POL 438 International Law and Organization (3)

Sp, Su

Using the United Nations and the International Public Sector as a backdrop for this course, issues such as peacekeeping, trade, and social and humanitarian efforts are covered. This course also examines why states act through formal international organizations such as the United Nations as well as informal non-governmental organizations (NGOs) such as multinational corporations.

POL 490 Field Placement I (3)

F, Sp, Su

Supervised field work with a governmental or other public affairs oriented organization.

POL 491 Field Placement II (3)

F, Sp, Su

Prerequisite: POL 490. A continuation of field placement I with supervised field work in a governmental or other public affairs agency.

PRE-COLLEGE/ DEVELOPMENTAL STUDIES

DSE 099 Essentials for College English (3)

F, Sp, Su

This course concentrates on the fundamentals of standard edited English for writing. It covers grammar, mechanics, usage, sentence structure, paragraph development, and essays. Information technology is incorporated throughout the course.

DSM 099 Essentials for College Mathematics II (3)**F, Sp, Su**

Prerequisite:: Successful completion of DSM 098 or the required minimum score on the placement test. This course is designed for students with good arithmetic skills. It reviews percents, and covers unit of measure, basic geometry, introductory algebra and basic applications to problem solving.

DSR 099 Essentials for College Reading (3)**F, Sp, Su**

This course helps students develop proficiency for reading university-level materials. It emphasizes vocabulary development, comprehension, and thinking skills. Lab hours are assigned based on evaluation.

PSYCHOLOGY

PSY 200 Introduction to Psychology (3)**F, Sp, Su**

This is an intensive reading course. The course is an introduction to psychological terms, facts, and principles and is designed to aid students in understanding themselves and others. Behavior is analyzed and interpreted through a discussion of such topics as growth and development in infancy, childhood, adolescence, and adulthood; states of awareness; learning and thinking; motivation and emotion; mental health; and social behavior.

PSY 300 Foundations of Industrial/Organizational Psychology (3)

This course is designed to introduce students to the science and practice of psychology in organizations. The course will examine the effects of employee attitudes, behavior, cognitions, emotions, and personality on worker satisfaction and performance.

PSY 301 Psychopathology (3)**F**

The study of various abnormal phases of behavior, prevention and treatment of certain social-emotional problems, examination of recent clinical and experimental findings.

PSY 302 Clinical Psychology (3)**Sp**

The history and current status of clinical psychology, professional ethics and interpersonal concerns, clinical assessment and prediction, theory and practice of behavior change.

PSY 303 Experimental Psychology (3)**F**

This course deals with selected laboratory experiments and demonstrations, lectures, collateral readings in methods and results of psychological experimentation.

PSY 304 Physiological Psychology (3)**Su**

An investigation of basic neuroanatomy and neurophysiology followed by an introduction to the physiological basis of sensation, arousal, motivation, memory, and learning.

PSY 306 Developmental Psychology (3)**F**

The study of the development of personality, intelligence, and motivation from childhood to adulthood. The role of social learning in the developmental process will be investigated.

PSY 307 History and Systems of Psychology (3)**Sp, Su**

A study of the development of psychology as a body of science and the historical background of psychology.

PSY 308 Personality Theory (3)**Sp, Su**

An examination of the place of personality theory in various approaches or the fields of personality. Studies include the structures, determinants, dynamics and developmental characteristics of personality.

PSY 309 Research Methods (3)**F, Sp, Su**

This course provides an overview of various research methods used in psychology and other social and behavioral sciences. Emphasis is placed on the logic of social inquiry, problems of research design and execution, and qualitative and quantitative analyses. Students will be guided through a research proposal that may be used in the development of their senior project.

PSY 310 Community Psychology (3)**F, Sp, Su**

This course gives students a basic understanding of the content, approach, and philosophy that characterize community psychology. The focus is on the importance of and strategies for producing social change and for treating community problems with prevention oriented community psychology interventions. Organized around community settings, such as the educational system, the criminal justice system, social service system, and mental health system, the course aids students in understanding that principles of prevention and empowerment can be transferred from one community arena to another. A central concept in this course is the idea that setting or environment is as important as the individual(s) in it and that many academic disciplines and counseling methods can offer solutions to psychological problems found in the community.

PSY 312 Introduction to Statistics (3)**F, Sp, Su**

Prerequisite: Successful Completion of MAT 102 or a higher level math course. This course is designed to introduce students to the basic concepts of descriptive and inferential statistics and to build a groundwork for better understanding of social science data and statistics commonly used in social research. Emphasis will be placed on practical application of statistical theories and techniques applicable to social sciences, the use of statistical computer software, and the interpretation and production of statistical tables and charts. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered.

PSY 316 Psychology of Culture (3)

F

An introduction to the influence of cultural factors that serve as independent variables in the dynamic process of human behavior, development and interpersonal exchange. A major focus will be African American, Asian American, Hispanic American and Native American cultures.

PSY 317 Psychology of the African Diaspora (3)

Sp

This course examines the psychological dimensions of the African American experience as it occurs within the conceptual framework of the African Diaspora. Topics to be covered include African culture and consciousness before the coming of the Europeans, the psychological impact of slavery, the psychology of resistance to domination, the psychology of creolization, the psychology of religion, the African American family, the psycho-spiritual development of African American people, identity and psychological health and healing.

PSY 401 Advanced Statistics (3)

F, Sp, Su

Prerequisite: PSY 312 or SSC 302. Further study of quantitative methods including correlation, chi-square, contingency and analysis of variance. This course is designed for students who have completed a basic statistic course and desire a greater understanding of social science data and statistics commonly used in behavioral research. Emphasis will be placed on practical application of statistical theories and techniques applicable to social sciences, the use of statistical computer software, and the interpretation and production of statistical tables and charts.

PSY 402 Clinical Interview and Behavioral Assessment (3)

F, Sp, Su

An introduction to approaches to counseling. The theoretical foundations and methodologies of the major clinical psychology theorists will be examined.

PSY 403 Psychology of Learning (3)

F, Sp, Su

A study of the theories of learning, the course includes motivation of learning and experimental findings relative to animal and human learning and retention. Theories of Pavlov, Thorndike, Hull, Tolman, Guthrie, Skinner, and Hebb are introduced.

PSY 405 Assessment and Evaluation (3)

F, Sp, Su

An introduction to the process of psychological testing. Topics will include basic test terminology, administration, interpretation, validity, reliability, ethics.

PSY 406 Social Psychology (3)

F, Sp, Su

The study of the relationship of the individual to social systems. This course surveys the effects of physical, mental, and emotional growth and development on social interaction and social and cultural influences on behavior, attitude development, social conflict; group processes will be investigated. Major schools of social psychological perspective are, also, reviewed.

PSY 407 Psychology of the African American (3)**F, Sp, Su**

The primary focus of this course will be to examine the major psycho-cultural influences which have shaped the psychological lives and functioning of African Americans. Special attention will be given to examining the appropriateness of the Eurocentric psychological tradition in examining and describing the behavior and experience of African Americans.

PSY 408 PSY 410 Practicum I (3)/(6)**F, Sp, Su**

This course provides institutional placement, composed of an on-site study of research practices, group treatment practices and psychotherapy for psychology majors. Authorization for placement must be obtained from the School/Department's practicum placement director. Registration and planning with the practicum director must be completed one semester prior to placement.

PSY 409 PSY 411 Practicum II (6)**F, Sp, Su**

The continuation of PSY 410 for psychology majors. Composed of on-site study, research practices, testing and analysis, and group treatment practices and psychotherapy.

PSY 451 Minority Mental Health (3)**Sp**

This course allows students to understand how a complex variety of social and psychological factors come together to shape mental health providers ability to work with those who are culturally different. Some of the topics include cultural competence, racism, culture and ethnocentricity, ethnic children, parenting and families, ethnic mental health issues, and biases in the mental health service delivery.

PSY 452 Organizational Behavior (3)**F, Su**

This course is concerned with the psychology of individuals and how their behavior is influenced by others in the organization. A major emphasis will be placed on examining the basics of individual motivation, attitudes, and decision-making, to determine how these human tendencies may lead to productive and ethical actions.

PSY 453 Psychology and Law (3)**F**

The overall objective of this course is to introduce students to the emerging field of psychology and law. The course examines the assumptions about human behavior as well as the various psychological processes that underlie and influence the operation and functioning of the law. Students are introduced to the major topics, issues, theories and empirical studies that comprise this particular field of social scientific inquiry.

PSY 454 Theory & Practice of College Mentoring (3)**F**

This course explores historical and contemporary approaches to mentoring in academic and business environments and examines central theoretical and empirical paradigms. A major emphasis is placed on the development of student leadership and mentoring skills.

PUBLIC ADMINISTRATION

PAD 301 Concepts and Issues of Public Administration (3)

Sp, Su

An introductory study of the theory and practice of governmental administration in differing environments, the role of administrators in public policy, issues facing administrators, and techniques of administration.

PAD 302 Management of Urban Government (3)

Sp, Su

A study of the problems of local government units in the urban environment. Emphasis is placed on the organization and function of local agencies.

PAD 303 Principles of Public Planning (3)

F

A study of the basic concepts of community, regional, county and city planning. Consideration is given to master plans, including purpose, content, and method of implementation.

PAD 304 Public Personnel Administration (3)

F, Su

An analysis of personnel problems with emphasis on supervision and management of public employees and public organizations in a period of change.

PAD 305 Florida Law and Public Governance (3)

F

A study of Florida law governing the nature, regulation, and control of counties, charter cities, school districts and special districts. The creation, alteration, dissolution, legal actions by and against, powers and duties, the rights and liabilities of local governments are also studied.

PAD 306 Administrative Behavior (3)

Sp, Su

A study of social, psychological and behavioral theories of organization. Consideration is given to the concepts of administrative leadership, the organization, and the individual with emphasis on governmental organizations.

PAD 401 Management of State Government (3)

F

Prerequisites: POL 301 and PAD 301. A study of the administration and constitutional problems of state management in the American federal system. Emphasis is placed on the State of Florida.

RELIGION

REL 101 Intro to Religion (3)

F, Sp, Su

This is an intensive reading and writing course surveying the practices and associated customs of the major recognized religions of the world, such as Judaism, Christianity, Hinduism and Islam.

REL 201 Introduction to Philosophy (3)

F, Sp, Su

This is an intensive reading and writing course surveying Western philosophy and its major philosophers.

REL 202 Philosophy of Religion (3)**F, Sp, Su**

This course is designed to give students an incisive approach to understand the basic philosophy of religions concepts. Special emphasis is placed on fundamental concepts and ideas of ethics, epistemology, metaphysics, and aesthetics.

REL 204 History of the Hebrew People (3)**Sp**

This course is designed to give students an appreciation for the history of the ancient Hebrew people and the development of the Judaic faith. Cultural intermingling of the Hebrews with surrounding nations and its effect on the development of Hebrew social, political and religious perspectives of life will be emphasized.

REL 206 Old Testament Survey (3)**F**

A study of the history, literature, geography and theo-philosophical concepts presented in the Old Testament. The course deals with content, structure, dating, attitudes expressed at various stages, and a general overview of God's relationship to the Hebrew people.

REL 207 New Testament Survey (3)**Sp**

Introduction to the history, literature and theology of the New Testament. Attention will be given to the mission, ministry, and message of Jesus, the formation of the gospel tradition, the Jewish and Hellenistic background of the early church, the life and letters of Paul, other New Testament writings and the development of the canon.

REL 303 Elementary New Testament Greek I (3)**F**

Introduction to the elements of New Testament Greek, pronunciation and grammar, fundamentals of syntax, and acquisition of basic vocabulary.

REL 308 Elementary New Testament Greek II (3)**Sp**

Prerequisite: REL 303. This is a continuation of the fundamentals of Greek grammar. Attention is given to vocabulary, sentence structure. Rapid reading of Greek text.

REL 310 The Psalms (3)**Sp**

A study of the origin and liturgical use of selected Psalms with attention to their form and content. Their importance as a reflection of Israel's worship life and their poetic and religious value for our generation will be emphasized.

REL 313 Life and Letters of Paul (3)**F**

A study of the pre and post salvation life of Paul. Emphasis will be placed on his conversion, message, mission and ministry. His epistles will be surveyed briefly as they relate to various themes.

REL 314 Survey of Baptist Doctrine (3)

Analysis, interpretation, and critical appraisal of the beliefs commonly held among Baptists.

REL 322 Christian History (3)

Sp

The growth and development of the early Christian church and its progress toward present times. The impact of secular movements on Christian thinking will be observed. The stability of the Christian church through changing times will be emphasized.

REL 323 History of the Baptists (3)

F

The origin of the Baptist denomination on the European continent through its transmission to the Western hemisphere. Similarities and dissimilarities to other denominations will be pointed out. The course includes a basic understanding of its fundamental doctrines and beliefs. Recommended only for students in sympathy with sectarian emphasis.

REL 324 The Intertestamental Period (3)

Sp

A brief survey of the political conditions of this period. The impact of foreign culture on Jewish theology, the rise of religious parties, and the writing of the books of the Apocrypha. Special attention will be given to the change or changes in Jewish theological concepts carried over into the New Testament.

REL 351 Pastoral Ministry (3)

F

For ministerial students only. A study of principles and methods for the preparation and delivery of sermons, with pastoral visiting and counseling, the planning of church worship services and other special duties for pastors.

REL 353 Church Leadership (3)

F

Designed for both ministers and religiously mature lay students wishing to equip themselves for effective church leadership. Students will be assigned responsibilities in their churches, visit other churches for observation and carry out assigned work under the joint supervision of church leaders and Religion and Philosophy staff.

REL 401 Christian Education (3)

F

A study of the foundations and principles of Christian Education, with a view toward understanding the methods by which the Christian faith can be inculcated in the total life of the home and the church.

REL 402 8th and 7th Century Prophets (3)

Sp

An examination of the function and importance of prophecy and poetry in Old Testament times, followed by a detailed study of the Biblical books in these classifications.

REL 405 Internship I (3)**F, Sp, Su**

A program of Internship in a church or agency where ministerial students and mature lay persons may learn how to operate within these systems.

REL 406 Internship II (3)**F, Sp, Su**

Continuation of REL 405.

REL 408 Evangelism (3)**F, Sp, Su**

A survey of evangelistic endeavors, including Christ, the Master Evangelist, early evangelism in Acts, and strategies for evangelism in contemporary society.

REL 409 Pastoral Counseling (3)**F, Sp, Su**

A survey of counseling in the ministry, including practice and process (the Biblical approach), problems and dangers, reliable resources and referral agencies.

REL 410 Homiletics (3)**Sp**

This course emphasizes the structure, preparation, and delivery of sermons with a view toward improving the presentation of the gospel message through the medium of preaching.

REL 420 Internship in Religious Education (3)**F, Sp, Su**

Prerequisite: REL 401. A program of research in Christian education practices in a local church. Open to students interested in Christian education. Students, supervisors and Religion and Philosophy faculty will work out a contract for this internship. Students' grades will be reported by supervisors prior to the end of the term.

REL 431 Biblical Ethics (3)**F**

This course uses the case study method approach to the ethics of the Bible; it will help students understand the variety of ethical approaches present in Old and New Testament scriptures as a prerequisite to all other ethics courses.

REL 432 Christian Ethics (3)**Sp**

Prerequisite: REL 431. An introduction to Christian ethical theology. Includes a study of historical and contemporary ethicists and special issues raised by them. This course will explore subjects of personal choice, social concern and policies.

REL 434 Life of Christ (3)**Sp**

A comprehensive study of the life of Christ, including his teaching ministry, the miracles, parables and pithy sayings. Emphasis will be placed on his role as Messiah, Savior, and Lord.

REL 435 African American Religion (3)**F**

A comprehensive examination of the roots of the cultural and religious experience of African Americans in the American ethos. The course explores the African background, the slave experience, emancipation and the growth of cultural nationalism as these have contributed to American culture.

REL 463 Black Theology (3)

F

An in-depth study of major black Christian thinkers in America, particularly the thought of James Cone and Martin Luther King, Jr. Also, attention will be given to other liberation theologies, e.g., third world, feminist, and womanist.

REL 473 and 474 Systematic Theology I & II

A systematic study of the principal theological doctrines of the Christian faith, doctrines of revelation, inspiration the triune nature of God, sin, election, redemption, and eschatology.

REL 495 Senior Project (3)

Sp

A culminating activity in religion researched, written, and presented for publication.

SOCIAL SCIENCES

SSC 101 Contemporary Society I (3)

F, Sp, Su

This is an intensive reading course. The course covers the basic concepts of culture, individual and group interaction, social stratification, socialization, primary groups and associations, and a study of the methods, techniques, and findings of sociology, psychology and anthropology as they are combined to reveal humans in their cultural environment.

SSC 102 Contemporary Society II (3)

F, Sp, Su

This is an intensive reading course. This course covers the evolution of social political and economic institutions. Consideration is given to the scarcity of resources and the struggle for power.

SSC 200 Cultural Anthropology (3)

F, Sp, Su

This course covers the comparative study of cultures, with emphasis on kinship, economic and political organizations and cultural change.

SSC 300 Research Methods (3)

F, Sp, Su

This course provides an overview of various research methods used in sociology, political science, public administration, criminal justice, and other areas of social and behavioral science. Emphasis is placed on the logic of social inquiry, problems of research design and execution, and qualitative and quantitative analyses. Students will be guided through a research proposal that may be used in the development of their senior project.

SSC 302 Introduction to Statistics (3)

F, Sp, Su

Prerequisite: Successful Completion of MAT 102 or a higher level math course. This course is designed to introduce students to the basic concepts of descriptive and inferential statistics, and to build a groundwork for better understanding social science data and statistics commonly used in social research. Emphasis will be placed on practical application of statistical theories and techniques to social science data, the use of statistical computer software, and the interpretation and

production of statistical tables and charts. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered.

SSC 304/CUL 304 Cultures and Film (3)**F, Sp**

This course will view independently and commercially made films. The analytical perspective is sociocultural. Focus will be placed on African, Latin American, Asian and Francophone film productions dealing with issues of class, religion, and gender.

SSC 320 Cooperative Education (6)**F, Sp, Su**

Approval of the dean/departments chair and the director of cooperative education is required. This course allows students to undertake employment related to the major in order to obtain practical experience and financial compensation. This course can be taken by any student with a major in Social Sciences who has completed the junior year of study.

SSC 321 Cooperative Education (6)**F, Sp, Su**

Approval of the dean/departments chair and the director of cooperative education is required. This course allows students to undertake employment related to the major in order to obtain practical experience and financial compensation. This course can be taken by any student with a major in Social Sciences who has completed the junior year of study.

SSC 400 Independent Study (3)**F, Sp, Su**

This course provides independent direction and supervision by a social science instructor and the School/Department's field placement director. Authorization for field placement must be obtained from the field placement director, one semester before placement.

SSC 400 African American Women in American Society (3)**Sp, Su**

An examination of historical and contemporary roles of African American women in society. The course includes study of socio-political and psychological forces affecting African American women.

SSC 404 Selected Topics in Social Science (3)**F, Su**

An opportunity for interdisciplinary study in the social sciences as well as special topics of current relevance in the various social science disciplines.

SSC 405 Contemporary Social Change (3)**Sp, Su**

Prerequisite: SSC 300. An analysis of the dynamic basis of American social change, dealing with perspectives on American culture from a point of view that analyzes the American myth of western cultural supremacy. Cultural nationalism, with special emphasis on Black cultural life, will be the core consideration in the course. Reading will be extensive. Students will participate in and monitor projects and seminars that bear on the course of study. It is an advanced course of study for upper-level students committed to intensive reflections on nationalism and social change in American life.

SSC 419/421 Field Placement I (6)

F, Sp, Su

Prerequisites: Senior Status. Advisor's approval. Learning through authorized, supervised work experience in the students' area of study. Student placement at appropriate, area-related work sites are conducted by.

SSC 420/422 Field Placement II (6)

F, Sp, Su

Prerequisite: SSC 421. A continuation of Field Placement I. Learning through authorized, supervised work experience in the student's area of study. Student placement must be authorized by the School/Department's field placement director, one semester before placement.

SSC 423 Senior Project (3)

F, Sp, Su

Prerequisite: Senior Status. A culminating course for seniors in the social sciences. Seniors are required to demonstrate an understanding of their field by developing and presenting an in depth study in their major. The topic investigated must be submitted to and approved by the advisor and the dean/department chairperson.

SSC 424 Field Experience (3)

F, Sp, Su

This course involves directed learning to include student visitations to and assignments in the major field. The final essay for this experimental learning course is theme based.

SOCIAL WORK

SOW 300 Introduction to Social Work (3)

F, Sp, Su

The purpose of this course is to provide students with an historical and philosophical foundation for social work practice. Emphasis will be placed on integrating ethical concepts, values, processes, and clinical interventions that take place in client-worker relationships.

SOW 301 Human Behavior and Dynamics (3)

Sp, Su

This course reviews the impact of social, cultural, psychological, and biological factors on human behavior and functioning in the life cycle.

SOW 401 Social Work Practice (3)

F, Su

A study of social work theory and practices. The course will bring together theories and modalities currently influencing social work.

SOW 402 Social Work as a Profession (3)

F, Su

Survey of the field of social work including casework, group work, community organization, research, and administration. Case material is used to illustrate certain concepts and methods.

SOW 403 Social Welfare as an Institution (3)

Sp, Su

Exploration of the background and development of social services in relation to economic, political and social change and an analysis of the of the delivery of

social services in urban society with attention directed to social welfare policies and programs. Field observation is utilized to relate various services and activities to course content.

SOW 404 Social Work Seminar (3)**F, Su**

Prerequisite: SOW 401. An advanced course for social work majors that provides opportunity for students to study current literature, issues, and developments in the field of social work.

SOW 405 Social Policy (3)**Sp, Su**

An examination of the policy making process with attention to the structure of power and decision-making at the national, state and local levels of government. The course takes into account the vested interest and influence of the private sector. Models for policy formulation and analysis are also explored.

SOW 406 Social Casework and Group Work (3)**F, Su**

Designed for students to develop knowledge and skills in working with individuals, families and groups. Students also learn theories of group formation, group process and group work techniques, and how to apply these techniques in a range of professional settings.

SOW 407 Aging and Social Work (3)**Sp, Su**

An introduction to gerontology and social work. This course provides an opportunity to explore perspectives of social work in dealing with the aging process.

SOW 408 Social Work Writing Techniques (3)**F, Su**

Methods of case recording are the focus of this course. Students learn how to record relevant data and how to write brief, clear and meaningful case notes, treatment plans, and social histories.

SOW 409 Social Work Practice I (3)**F, Su**

This course introduces students to a broad range of theories, therapeutic techniques, and work roles that pertain to social work practice including both clinical and macro perspectives. Special emphasis will be placed on intervention methods for working with children and families.

SOW 410 Social Work Practice II (3)**Sp, Su**

This course introduces students to a broad range of theories, therapeutic techniques, and work roles that pertain to social work practice including both clinical and macro perspectives. Special emphasis will be placed on methods that are relevant to minority communities.

SOCIOLOGY

SOC 200 Introduction to Sociology (3)

F, Sp, Su

A study of man in social relationships. A study of the nature, concepts and principles of sociology, society, culture, socialization, groups, institutions and organizations; class systems; social change and social processes.

SOC 303 Social Problems (3)

F

A study of the nature, extent, causes and consequences of major social problems which relate to social disorganization and pathology in American communities today. Analysis of attempts to alleviate such problems is included.

SOC 304 Social Psychology (3)

F, Sp, Su

The study of the relationship of the individual to social systems. This course surveys the effects of physical, mental, and emotional growth and development on social interaction. Social and cultural influences on behavior, attitude development, social conflict, and group processes will be investigated. Major schools of social psychological perspective are also reviewed.

SOC 305 Group Dynamics (3)

F, Sp, Su

This course focuses on the study of group interaction patterns and the role individuals play in group interaction. The course combines both theory and practice. Special attention is given to perception, communication, leadership and observation in a group setting. Other issues discussed include group goal setting, problem solving and decision-making. Students also talk about the ethical and professional issues of group therapy as well as review effective group counseling methods and techniques. Finally, issues of culture, gender, ethnicity, race and class are discussed in relation to group dynamics on European developments.

SOC 306 Urban Social Movements (3)

F, Su

This course examines different forms of collective behavior. Special emphasis is given to social movements as a form of collective behavior and as a response to social problems, values, disorganization, and deviance.

SOC 307 Community Organization (3)

F, Sp, Su

The evolution of community organizations, their structure, functions and practices. Emphasis is placed on the creation of community organizations and techniques of community organizations to meet social problems.

SOC 308 Urban Sociology (3)

F, Sp, Su

Study of the nature, causes and consequences of urbanization, the origin and development of the city, social and demographic characteristics of urban population, ecological processes, organization, functions and problems of urban communities, such as transportation, housing, homelessness.

SOC 309 Sociology of Deviance (3)**Sp, Su**

This course presents an examination of the definition and nature of deviance and its function in social settings, the various forms of deviance and the historical and contemporary definition of deviance.

SOC 400 Independent Study (3)**Sp, Su**

This course provides independent research of specific areas with direction and supervision of a sociology instructor.

SOC 402 Racial and Cultural Groups (3)**F, Su**

An analysis of intra-group and inter-group relations from the standpoint of contemporary sociology, anthropology, and social psychology. Major theoretical developments and research problems in the field of race relations are included. The nature and types of racial and cultural groups, causes and consequences of prejudice and discrimination, democratic values and scientific facts, and approaches to resolving inter-group problems are emphasized.

SOC 403 Marriage and Family (3)**Sp, Su**

A study of marriage and family as a social institution subject to the impact of biological, psychological, socio-cultural and religious-ethnic forces. Special emphasis is placed on the African American family in America.

SOC 404 Seminar in Social Theory (3)**Sp, Su**

A survey of the major social theories and their relationship to social research. Theories included are those of Marx, Durkheim, Park, Summer, Cooley, Mead, Veblen, Johnson, Frazier, Weber, Parsons and others.

SOC 405 Survey Research (3)**F, Su, Su**

Prerequisite: SSC 300. This course provides an opportunity for exploring and utilizing survey research techniques. Opinion polls, telephone surveys, mail questionnaires, panel studies and others are investigated.

SOC 406 Contemporary Black America (3)**F, Sp, Su**

This is an intensive reading course which examines historical, social, political, and economic factors affecting those of African descent living in America today. This course focuses on African Americans, Africans, South Americans, and individuals from the Caribbean islands in America.

SOC 408 African American Women in American Society (3)**F, Sp**

This is an intensive reading and writing course, which traces the historical, social, and political roles and perspectives of African American women.

SOC 421 Field Placement I (6)**F, Sp, Su**

Supervised on-site learning experiences. Student placement at appropriate sites are conducted by the field placement director. Regular seminars are held to discuss agency experiences and to provide feedback. Authorization for placement

must be obtained from the field placement director one semester before placement. Registration and planning with the field placement director must be completed one semester prior to placement.

SOC 422 Field Placement II (6)

F, Sp, Su

Prerequisite: SOC 421. A continuation of Field Placement I. Students learn through authorized, supervised work experience in sociology. Student placement in appropriate agencies or organizations is conducted by the School/Department's field placement director.

SOC 431 Seminar in Drug Abuse (3)

F, Su

An introduction to the field of substance abuse and drug abuse counseling. Students study types of drugs, classification of drugs, the effects of drugs, drug abuse, and counseling modalities. Students identify local, state and national resource persons in the area of substance abuse.

SOC 450 Sociology of Religion (3)

Sp, Su

Permission of chairperson required. Emphasis is given to the sociological foundation and development of major denominations, the Black church, and cults. The course is offered to majors in Social Science and Religion and Philosophy.

TELEVISION

COM 295 Television News Reporting (3)

This course introduces students to beat reporting. They will write and produce stories.

UNIVERSITY PERSONNEL

Board of Trustees

Charles W. George, (*Chairman*) *President & CEO, G. Family Enterprise, Inc.*

Dr. Robert E. Bailey I, *Senior Pastor, Trinity Missionary Baptist Church*

Rev. Bartholomew Banks, Sr., *President, Progressive M&E Baptist Convention of Florida, Inc., Pastor, St. John Progressive Missionary Baptist Church*

Bishop Billy Baskin, *Pastor, New Way Praise & Worship Center*

Dr. Gershwin T. Blyden

Dr. Gwendolyn V. Boyd, *Chief of Police, City of North Miami, FL*

Dr. Mack King Carter, *Pastor, Mount Olive Baptist Church*

Patricia Carter, *President, Women's Auxiliary to the Florida General Baptist Convention, Inc.*

Dr. I. S. Clark, Jr. (*Proxy for Rev. Dr. Shaw*), *Pastor, Union Missionary Baptist Church*

Bishop Victor T. Curry, *Pastor, New Birth Baptist Church*

Ms. Lynn Fenster, *Community Activist*

Marc T. Henderson, *Metro-Dade Aviation Department Office of Public Affairs*

Rev. Dr. R.B. Holmes, Jr., *Pastor, Bethel Missionary Baptist Church*

Horace C. Hord, Jr., *Regional Vice President, Government & Community Relations, Royal Caribbean Cruises, Ltd.*

Mr. Frederick Jackson

Roberta R. Kressel, *Executive Vice President Human Resources, Bank United*

Dr. Thelma Lawton, *President, Florida Memorial University Faculty Senate, Associate Professor of Mathematics Education*

Rev. Wayne B. Lomax, *Pastor, The Fountain of Pembroke Pines*

Dr. George E. McRae, *President, Florida General Baptist Convention, Inc. and Pastor, Mount Tabor Missionary Baptist Church, Inc.*

Andel W. Mickins, *Chairman, Board of Directors, Women's Convention Auxiliary, Florida General Baptist State Convention, Inc.*

Rev. Dr. Henry T. Rhim, *Pastor, St. Joseph Missionary Baptist Church*

Dr. Walter T. Richardson, *Senior Pastor, Sweet Home Baptist Church*

Mr. Clyde Rucker, *Senior Vice President, Global Communications & External Affairs, Burger King Corporation*

Mr. John W. Ruffin, Jr., *Vice Chairman & CEO, J. D. Ruffin Associates, Inc.*

Rev. Dr. William J. Shaw, *President, National Baptist Convention, USA*

Mr. Brian P. Smith, *Division President, Corporate Express*

Mr. E. Ray Smith, *President, Florida Memorial University Alumni Association*

Rev. Stephen John Thurston, *President, National Baptist Convention of America and Pastor, New Covenant Missionary Baptist Church*

Dr. Richard L. Wilson (*Secretary*), *Pastor, West Friendship Baptist Church*

The Honorable Senator Sharon Wilson, Esq., *Sharon Wilson & Co.*

Mrs. Barbara Wright, *President, Women's Auxiliary Progressive M&E Baptist Convention of Florida, Inc.*

Dr. Karl S. Wright, *President, Florida Memorial University*

Ms. Kaivon Thompson, *President, Student Government Association, Florida Memorial University*

Honorary Board Members

Mr. Garth C. Reeves, Sr., *Publisher Emeritus, The Miami Times*

Dr. Sarah L. Rice, *Former President, Women's Auxiliary to the Florida General Baptist Convention, Inc.*

EMERITUS

Mr. I. W. Williams, Esq., *St. Petersburg, Florida*

President's Cabinet

Karl S. Wright, *President. B.S., M.S., University of Maryland; Ph.D., Mississippi State University*

Sandra T. Thompson, *Provost. B.A., Voorhees College; M.A., Fisk University; Ph.D. University of Florida*

Harold R. Clarke, Jr., *Vice President for Student Affairs. B.A., M.A., California State University; MA, Central Michigan University; Ed.D., Barry University*

Barbara Edwards, *Vice President for Institutional Advancement. B.S., MBA, Bernard Barauch College; DBA, Nova Southeastern University*

Willie D. Kemp, *Interim Vice President Division of Business and Fiscal Affairs. B.S., Florida Memorial College; MPA., University of Miami*

Mary O'Banner, *Special Assistant to the President and Executive Director, Florida Memorial College Foundation, Inc. B.S.Ed., M.S.Ed., Ed.S., Jackson State University; Ph.D., Southern Illinois University-Carbondale*

Langston T. Coleman, *Director of Grants & Contracts and Associate Professor of Public Administration. B.S., M.S., University of Nebraska; Ph.D., University of Wisconsin*

Robert B. Ingram, *Assistant to the President for Urban Affairs and Professor of Social Sciences. B.S., M.S., Florida International University; Ph.D., Union of Experimenting Colleges and Universities*

Pamela Tennell, *Interim Director Division of Information Technology. B.S., North Carolina Central University; B.S., Southern University*

Faculty

Idriss Abdoulaye, *Assistant Professor of Reading. B.A., Baylor University, M.A., Ph.D., University of Arizona*

Keshia N. Abraham, *Assistant Professor of English. B.A., Spelman College, M.A., Ph.D., State University of New York (SUNY)*

Lynette Atteloney, *Assistant Professor of Social Work. B.S., York College, MSW, Ph.D., Florida International University*

Dawn Batson-Borel, *Chairperson of Visual and Performing Arts and Associate Professor of Music. B.S., Hofstra University; M.Mus., Ph.D., University of Miami*

Adela Beckerman, *Associate Professor of Social Work. MSW and B.S., SUNY at Stony Brook. Ph.D., SUNY at Albany*

Mildred E. Berry, *Dean, School of Education and Professor of Education. B.S., Paine College; M.S., Ed.D., Wayne State University*

Jacques L. Bonenfant, *Assistant Professor of Education. BA, Florida Atlantic University; Ed. Lp., MS., Nova Southeastern University ; Ph.D., The Union Institute & University*

Norma T. Brady, *Chairperson, Department of Freshmen Studies and Professor of Education . B.A., Knoxville College; M.A., New York University; Ed.D., Teacher's College, Columbia University*

Raymond E. Cain, Jr., *Dean, School of Aviation, Safety & Security and Associate Professor of Aviation. B.S., M.A., California State University, Los Angeles; Ph.D., University of Missouri - Columbia*

Denise Callwood-Brathwaite, *Dean, School of Graduate and Continuing Education Associate Professor of Education. B.A., Hampton Institute; M.A., University of the Virgin Islands; Ph.D., University of Miami*

Carlos Canas, *Assistant Professor of Mathematics and Director of Institutional Research. B.S.E.E., B.S.C.I.S., M.S., University of Florida, Ph.D., University of Miami*

Malou Carswell, *Instructor of Management Information Systems. B.S., Jones College; M.S., Nova Southeastern University*

Lincoln D. Chandler, *Associate Professor of Criminal Justice. B.S., M.A., Northeastern University; M.C.J., Anna Maria College; D.P.A, Nova Southeastern University*

H. K. Chaudhari, *Professor of Biology. B.S., M.S., University of Rajasthan; Ph.D., New Mexico State University*

Flora V. Chisholm, *Visiting Assistant Professor of Biology. B.S., M.Phil., Ph.D., University of the West Indies*

Carrol Christian, *Associate Professor of Management Information Systems. B.P.S., M.S., Barry University Ed.D., University of Miami*

Wayne Christensen, *Assistant Professor of English. A.A., Miami-Dade Community College; B.A., MFA, Florida International University*

Langston T. Coleman, *Director of Grants & Contracts and Associate Professor of Public Administration. B.S., M.S., University of Nebraska; Ph.D., University of Wisconsin*

Martha Dawson, *Associate Professor of English. B.A., Florida International University M.A., Ph.D., University of Miami*

Telahun Desalegne, *Associate Professor of Mathematics. B.S., Haile Selassie University; M.A., Ph.D., Bowling Green State University*

Joseph F. DeTura, *Assistant Professor of Reading. B.A., Marist College; M.S. College of Saint Rose*

Michael W. Douglas, Visiting Instructor of Communications. B.A., M.S., The University of Texas at Austin

Monique Earl-Williams, Director of the Center for Academic Advisement and Assistant Professor of Psychology. B.A., Auburn University; M.A., University of South Alabama; M.S., Ph.D., California School of Professional Psychology at Los Angeles

Richard Eldridge, Professor of Spanish. B.A., New Mexico State University; M.A., The Universidad of Las Americas; Ph.D., Universidad de Jaime Balmes

Michael J. Elliott, Assistant Professor of Chemistry. B.A., University of Virginia; Ph.D., University of Texas at Austin

Abbass Entessari, Dean, and Professor of Economics, School of Business Administration. B.S., University of Tehran; M.A., University of Arizona; Ph.D., Howard University

C. Anthony Fraser, Assistant Professor of History. B.A., University of Massachusetts-Amherst; M.A., State University of New York

Edward J. Good, Instructor of Mathematics; B.S., Florida Memorial College; M.A., University of Miami

Nelson Hall, Assistant Professor of Music. B.S. Columbia Union College; M.Mus., D.M.A., University of Miami

Rosalie C. Hallbauer, Visiting Professor of Accounting. B.S., Rollins College; MBA, University of Chicago, Ph.D., Bowling Green State University

Robert L. Haynes, Professor of Genetics. B.S., Alcorn State University; M.S., Tuskegee University; Ph.D., Purdue University

David A. Hodge, Sr., Assistant Professor of Religion. B.A., American Baptist College; M.A., Oral Roberts University; M.T.S., Emory University; D.Min., Columbia Theological Seminary

Lilia Pardo Hogges, Assistant Professor of French. B.A., Florida International University; M.S., Biscayne College

Glasceta A. Honeyghan, Associate Professor of Elementary Education. B.A., Boston State College; M.A., University of Massachusetts at Boston; Ed.D., University of Massachusetts

William E. Hopper Jr., Director, Center for Urban and Environmental Studies and Professor of Chemistry. B.S., Oklahoma State University; M.S., Florida International University; M.S., Ph.D., University of South Carolina

Michael W. Hudson, Visiting Assistant Professor of Sociology. B.A., Columbia College M.A., Ph.D., University of Illinois at Chicago

Ayivi Huisso, Associate Professor of Physics. B.S., University of Beignin; M.S., University of Odessa; Ph.D., University of Montreal

June Hunter-Callue, Director of Freshman Year Experience and Assistant Professor. B.A., University of the West Indies; M.S., University of Miami

Olivia A. Jackson, Associate Professor of International Studies. B.S., University of Florida; M.P.A., The Ohio State University; Ph.D., University of Miami

Randy James, Director of the Honors Program and Assistant Professor of English. B.A., Louisiana State University.; M.A., Eastern Kentucky University; Ph.D., University of Louisiana at Lafayette

Teshie Herbert Jones, Instructor of English. B.A., University of South Carolina; M.S., Florida State University

William Jong-Ebot, Chairperson, Department of Humanities, Associate Professor of Communications. B.A., Viterbo College; M.S., University of Minnesota-Twin Cities; Ph.D., University of Wisconsin – Madison

Kevin Kemerer, Professor of Accounting. B.S., M.Acctg, Ph.D., Virginia Polytechnic Institute and State University

Mungbalemwe Rita Koyame, Associate Professor of Economics. B.S., University of Kinshasa; M.S., Ph.D., University of Illinois at Urbana- Champaign

Robert Labadie, Professor of Business Administration. B.A., MBA, Columbia University; Ph.D., Florida International University

Thelma Cuttino Lawton, Associate Professor of Education. B.S., South Carolina State University; M.S., Indiana University; Ed.D., University of Central Florida

Cheulho Lee, Associate Professor of Finance. B.Bus.Admin. Seoul National University, MBA, Ph.D., Virginia Technical University

Suzette A. Leftwich, Assistant Professor of Education . B.S., M.S., Ph.D., University of Miami

Dolores Lewis, Associate Professor of Reading. B.S., Tougaloo College; M.Ed., Ed.Sp., Jackson State University

Tanner Ying Liu, Associate Professor of Health Education, B.S., China Medical College, M.S., Memphis State University, Ph.D., Texas Woman's University

William D. Lucky, Jr., Assistant Professor of Business Administration. B.S., Jackson State University; MBA, Florida International University

Elaine Marshall-Asfour, Associate Professor of Management Information Systems. B.A., B.S., Tufts University; M.S., Texas Tech University; M.S., Ph.D., University of Miami

Gwendolyn Massaquoi, Instructor of Mathematics. B.A., M.S., Cleveland State University; MBA, University of Rochester

Abigail C. Mobley, Associate Professor of Physical Education. B.S., Florida A&M University, M.Ed., Florida State University, Ph.D., Florida State University

Melton Mustafa, Assistant Professor. B.S., Florida A&M University; M.Mus., University of Miami

Earl R. Niles, Assistant Professor of Criminal Justice. B.A., Brandeis University; M.A., Princeton University; J.D., University of Miami

Christine Nucci, Assistant Professor of Education. B.A., Hunter College of CUNY; M.S., Brooklyn College of CUNY; Ph.D., University Center of CUNY

Simone T. O'Bryan, Instructor of Sociology. B.A., M.A., University of Miami

Lucy Osemota, Head of Reference/Archives Librarian and Assistant Professor. B.S., M.L.S., University of Tennessee

Gloria Oswald, Interim Dean of Library and Technical Services Librarian and Associate Professor. B.S., M.L.S., Florida State University

Kimberly C. Pellegrino, MBA Program Director and Associate Professor of Management. BBA, Pennsylvania State University, MBA, West Virginia University; DBA, Louisiana Tech. University

Robert J. Pellegrino, Associate Professor of Marketing. BBA, MBA, Western Illinois University; DBA, Louisiana Tech. University

Debra Perkins, Associate Professor of Management. B.A., Indiana State University, MBA, The University of Nebraska at Omaha, Ph.D., Indiana University

William D. Perry, Assistant Professor of French B.A., M.A., Ph.D., University of California at Berkley

Alvin Pondexter, Associate Professor of Art. B.S., Florida A&M University; M.A., M.F.A., University of Wisconsin at Madison

William B. Rankin, II, Assistant Professor of Aviation. B.S., Middle Tennessee State University; M.S., Embry-Riddle Aeronautical University

Audley G. Reid, Associate Professor of Social Sciences. B.A., University of the West Indies; MTS, Emory University; Ph.D., The Union Institute

Tamar Franchette Riley, Assistant Professor of Education. B.S., Liberty University; M.Ed., Ph.D., University of Florida

Marilyn J. Ross, Professor of Higher Education. B.A., M.A., Ph.D., University of Miami

Mary-Angie Salva-Ramirez, Assistant Professor of Communications. B.S., M.A., Universidad Del Sagrado Corazon, San Juan Puerto Rico; Ph.D., Wayne State University

Channapatna Shalini, Visiting Librarian, B.S., MLIS., Bangalore University; MIS., Florida State University

Eshagh Shehni-Yilagh, Assistant Professor of Psychology. B.S., University of Science and Arts of Oklahoma; M.S., Ph.D., Tennessee State University

Marilyn Lee Sherman, Assistant Professor of Biology. B.S. Southern Illinois University Carbondale; M.S., Western Illinois University, Ph.D., Bowling Green State University

W. Ruth Sims, Reference/Instruction Librarian and Assistant Professor. B.S., Florida A&M University; M.L.S., Florida State University

John S. Slack, Associate Professor of English. B.A., Lehigh University; M.A., Ph.D., University of Miami

Thomas E. Snowden, Associate Professor of Biology. A.S., Montgomery County Community College; B.S., Paine College; Ph.D., Meharry Medical College

Lola Spence-Ward, Assistant Professor of English. B.S., M.Ed., University of Miami

Robert J. Steinhoff, Assistant Professor of Computer Science. B.S., U.S. Coast Guard Academy; M.S., George Mason University; Ph.D., Nova Southeastern University

Edward G. Stephenson, Associate Professor of Psychology., B.A., Queens College; Ph.D., University of California

Rose Mary Stiffin, Dean, School of Health and Natural Sciences and Associate Professor of Chemistry. B.S., Mississippi Valley State University; M.S., Mississippi State University; Ph.D., University of Tennessee - Memphis

Robert L. Strain, Jr., Assistant Professor of Communications. B.A., M.A, Baylor University; Ph.D., University of Kansas

Jauquina Sturdivant, Circulation Audio-Visual Media Librarian and Associate Professor. B.A., University of Florida; M.L.S., Atlanta University

Dimitri Tamalis, Assistant Professor of Chemistry. B.S., McPherson College; Ph.D. Kansas State University

Rose C. Thevenin, Associate Professor of History. B.A. & B.S., State University College of New York , College at Buffalo; M.A., University of Miami; Ph.D., Michigan State University

Calvin Thomas, Assistant Professor of Religion and Philosophy. B.A., Tougaloo College, M.Ed., University of Mississippi, M.Div., New Orleans Baptist Theological Seminary

Sandra T. Thompson, *Provost and Professor of Sociology. B.A., Voorhees College; M.A., Fisk University; Ph.D., University of Florida*

Wing Tong, *Instructor of Computer Science. M.S., B.S., University of Miami; B.S., Tak Ming College, Hong Kong*

Priye S. Chris Torulagha, *Chairperson, Department of Social Sciences and Associate Professor of Political Science. B.A., M.A., Oklahoma State University; MHR, Ph.D., University of Oklahoma*

Nebojsa Toskovic, *Associate Professor of Physical Education. B.S., University of Zagreb; M.S., Northeastern University; Ph.D., Auburn University*

Eghosa Ugboma, *Associate Professor of Management Information Systems. B.S., M.S., University of Paris VIII; DBA., University of Sarasota*

Huston Usry, *Associate Professor of Mathematics. B.A., M.Ed., Florida A&M University; Ed.D. Nova Southeastern University*

Josefino Z. Villanueva, *Instructor of Mathematics, B.S., M.S., University of the Philippines, M.S., University of Miami*

Jason Vinson, *Instructor of English. B.A., M.A., Marshall University*

Patricia I. Warren, *Assistant Professor of Theater, Director of Lou Rawls Center for the Performing Arts. B.A., Bethune-Cookman College; M.A., The Ohio State University*

Melvin White, *Instructor of Music and Director of Ambassador Chorale. B.A., Tougaloo College; M.Mus., Ohio State University*

Mary Williams, *Dean, School of Arts & Sciences and Assistant Professor of Sociology. B.A., M.Ed., University of South Carolina; Ph.D., University of Miami*

Boonserm Wongsaroj, *Chairperson, Department of Computer Sciences and Mathematics and Professor of Engineering and Computer Science. B.S.I.E., University of Oklahoma; M.S.I.E, M.S.(C.I.S.), University of Miami; Ph.D., Barry University*

Devon A. Wright, *Visiting Instructor of History. B.A., M.A., Florida International University*

Richard Yaklich, *Assistant Professor of Music. B.A., University of Southern Colorado; M.Mus., Colorado State University; DMA, University of South Carolina*

Abbas Hassan Zadegan, *Associate Professor of Mathematics. B.S., M.S.T., University of Florida; M.S., Florida International University, Ph.D., Florida Atlantic University*

FACULTY EMERITI

Helen Bergovoy, *Professor Emeritus of Education*

Jesse Silverglate, *Professor of Emeritus of Social Science*

Zdzislaw P. Wesolowski, *Professor Emeritus of Airway Science*

Professional and Administrative Staff

Dominica Alcantara, *Assistant Coordinator, School of Graduate Program and Continuing Education. B.A., St. Thomas University*

Jacklan Alexander, *Director of Residential Life, Department of Residential Life. B.S., Florida A&M University; M.A., Pepperdine University; M.S., California State University - Los Angeles*

Ronald Allen, *Stock Clerk, Inventory Control and Material Distribution*

Lelia Allen-Efford, *Interim Registrar, Office of the Registrar. A.A., Palm Beach Junior College; B.S., Florida Memorial College*

Carlatta Anderson, *Director, Intramural & Recreational Sports. M.S., Wayne State University*

Hopeton Anderson, *Director of Auxiliary Services, Auxiliary Services Department. A.A., Dawson College*

Linda Arnold-Johnson, *Residence Hall Director*

Brenda Ausborn, *Secretary, Athletics Department; B.S., Florida Memorial College*

Frances Ba, *Secretary, Office of the Provost. B.S., Florida State University*

Sonianna Barrett-Anderson, *Administrative Assistant to the Vice-President for Business and Fiscal Affairs*

Kenny Bellinger, *Head Men's Basketball Coach. B.S., Florida Memorial College*

Yvonne Bendross, *Director, Hospitality Services and Scheduling*

Sophretta Benjamin, *Secretary, Business Administration*

Charlene Blades, *Secretary, Office of Admissions*

Katrenia Blue, *Accounts Payable Clerk, Controller's Office*

Rosemary Brathwaite, *Students Account Manager, Office of Budget, Cash Management & Financial Analysis. B.S., Florida Memorial College*

Laura Brown-Joseph, *Secretary, Black Males Explorers Program. B.A, Florida Memorial College*

Daniel T. Buggs, *Reference Librarian (Part-Time), College Library. B.A., Voorhees College; M.A., The Ohio State University; M.A.L.S., University of Michigan-Ann Arbor*

Alphonso Burnside, *Director, Administrative Support Services, B.S., Florida A & M University*

Sheila Burris, *Coordinator, School of Graduate Programs & Continuing Education B.S., Florida Memorial College*

Patricia T. Carter, *Director of Church Relations and Instructor, Freshmen Studies. B.S., Florida A&M University; M.Ed., University of Louisville*

April Chandler-Thomas, *Office Assistant, Office of Development*

Nehemy Cher-Frere, *(Part-Time) Library Technician, College Library. B.S., Florida Memorial College; M.S., St. Thomas University*

Eugenia Cole-Russell, *Academic Advising Coordinator, School of Education. B.S., M.S., Barry University*

Kareem J. Coney, *Coordinator, Black Male College Explorers Program. M.S., Nova, Southeastern University*

Nicola Cooper, *Assistant Manager Lion Shop & Cafe, Auxiliary Services*

Regina Cumbie- McPhee, *Secretary, Institutional Research*

Treon Cummings, *Scholarship Coordinator, Office of Admissions. B.S. Florida Memorial College*

Julian Dawkins, *PC Technician, Information Management and Technology*

Phyllis Days, *Counselor, Counseling Center. B.S., Florida A&M University, M.S., Nova Southeastern University*

Alain Decade, *(Part-Time) Financial Assistant, Office of Business & Fiscal Affairs*

Samantha Dennis, *Secretary, Natural Science*

Priscilla Dobbs, *Director of Educational Interns, School of Education. B.S., Florida Memorial College, M.S., Nova Southeastern University*

David Dobson, *Driver, Facilities Management & Plant Operations*

Cesar Dominguez, *PC Technician, Information Management and Technology*

Rosa Dominguez, *Library Technician, College Library. B.A., Union Institute & University*

Balfour Duncan, *Cataloging/ Systems Technician, College Library, B.S., Florida Memorial College*

Michael Dysart, *Library Assistant, College Library*

Lenora Edwards, *Admissions Officer, Office of Admissions, B.S., Florida Memorial University*

Jeffrey Elliot, *Athletic Trainer, Athletic Department*

Patricia Fleeman, *Secretary, Department of Humanities*

Joyce Forchion, *Communications Coordinator, Institutional Advancement*

Sharonda L. Ford, *Director of Student Publications. B.S., MBA, American Intercontinental University*

Christopher Garcia, *Assistant Coach, Men's Basketball*

Samuel Gaskin, *Financial Aid Officer. Office of Financial Aid. B.S., Florida Memorial University*

Gladys Gonzalez, *Coordinator, School of Graduate & Continuing Education, B.S., Biscayne College; M.Ed., University of Havana*

Angelique Goodridge, *Student Services Representative, Office of the Registrar, A.S., Johnson & Wales University*

Ethel Gottshaw, *Receptionist/ Switchboard Operator, Office of the President*

Carla Green, *Secretary, Office of Church Relations*

Carolyn Green, *Residence Hall Director, Residential Life*

Mary A. Green, *Program Counselor, Student Support Services*

Walter J. Hale, *Coordinator, Alumni Affairs. B.S., Florida Memorial College; M.A., Barauch College/CUNY*

Candance Hamilton, *P.S.P Counselor, Counseling Center. M.S., Nova Southeastern University*

Sheryl Hampton-Bain, *Secretary, Career Development Center*

Irene Handsford, *Administrative Assistant, Office of the Provost, B.S., Florida Memorial College*

Rabie Harris, *Director, Academic Resource Center. B.A., Brooklyn College; B.A., Pace University; M.A., University of Houston*

Paul Hemphill, *Residence Hall Director, Residential Life*

Tweedia Hillman, *Testing Coordinator, Testing Center*

Hillary J. Hixon, *Academic Advisement Program Coordinator. B.S., Florida Memorial College, M.S., Nova Southeastern University*

Robert Hooker, *Transfer Student Coordinator. B.S., Florida Memorial College*

Reuben Hunter, *Acquisitions Technician, College Library, B.S., Florida Memorial College*

Athena Jackson, *Director of Career Development Center, B.S., Texas College, MPA., Florida International University*

Keith Jackson, *Auxiliary Services Clerk, Lion Shop & Café*

Sheila Jenkins-Boone, *Counselor, Student Support Services, M.S., Barry University*

Lois Johnson, *Administrative Assistant, Office of the Vice President for Student Affairs, B.S., Florida Memorial College*

Winifred Jones, *Data Entry Clerk, Registrar's Office, B.S. Florida Memorial College, MBA, University of Phoenix*

Delores Joseph, *Manager, Accounts Payable, B.S., Florida Memorial College*

Merlin Joseph, *Manager, Inventory Control and Material Distribution, B.S., Florida Memorial College, MBA, Nova Southeastern University*

Desmond C. King, *Library Audio-Visual Media Coordinator. A.A., Miami-Dade Community College*

Carla King-Crockett, *Academic Advising Coordinator, Freshmen Studies Department. B.S., Jackson State University*

Natalie Knight, *Secretary, Alumni Affairs*

Cheryl Lacey, *Assistant Director of Admissions, Admissions Department. A.A., Miami-Dade Community College; B.S., Florida Memorial College*

Mirlande Laguerre, *Residence Hall Counselor, Residential Life*

Trevor Lewis, *Admissions Officer, Office of Admissions*

Sandra Long, *Student Accounts Coordinator, Budgeting & Cash Management*

Curtis Major, *Fleet Manager/ Driver, Facilities Management & Plant Operations*

Phillip Mann, *Director, Entrepreneurial Institute, School of Graduate Programs & Continuing Education. B.A., M.Ed., University of Miami; Ed.D., University of Virginia*

Kenneth Marshall, *Women's Basketball Coach, Athletics Department*

C. Vernon Martin, Jr., *Director of Student Activities B.S., Lincoln University*

Peggy D. Martin, *Director of Admissions. B.S., Tuskegee Institute; M.S., Southern Illinois University - Edwardsville*

Terisia Matthew, *Secretary, Facilities Management & Plant Operations*

Rose Marie McClung, *Associate Director, Entrepreneurial Institute, School of Graduate Programs & Continuing Education. B.A., Rollins College; M.Ed., University of Miami*

Shirley McDowell, *Residence Hall Counselor, Residential Life*

Alstene L. McKinney, *Miami-Dade Coordinator-UMTE Program. B.S., Tuskegee University; M.S., Barry University*

Archie Mobley, *Bursar, Controller's Office. B.S., Florida A&M University*

Ken Morrison, *Instructional Associate, Adjunct Professor, Chief Pilot, School of Aviation Studies and Security, A.A., Miami-Dade College; B.S., Florida International University; B.S., Florida Memorial University; M.B.A., Embry-Riddle Aeronautical University*

Carolyn Mosley, *Secretary, College Library*

Norvik Myers, *Secretary, School of Arts and Sciences, B.A., Florida Memorial College*

Paula Nelson, *Secretary, Grants & Sponsored Research*

Gus Nero, *Residence Hall Counselor, Residential Life, MSW, University of Pittsburgh*

Nelda Nunez-Cortez, *Administrative Assistant, Counseling Center*

Christopher Nwamah, *Assistant Controller, Controller's Office, B.S., Southeastern Oklahoma State University*

Frankie Owens, *Cashier, Bookstore*

Lauris Paige, *Human Resource Coordinator, Office of Human Resource Management*

Shirley Paremore, *Director, Broward Off-Site Campus, School of Graduate & Continuing Education, B.S., Barry University; MBA, Embry-Riddle Aeronautical University*

Wynifreth Pardo, *Staff Accountant, Controller's Office*

Gloria Penn, *Financial Aid Officer, Financial Aid Department, B.S., Mississippi Valley State University*

Brian Phillip, *Director of Financial Aid, Financial Aid Department, B.S., Florida Memorial College*

Cheryl Phillip, *Manager of Procurement and Contract Services, Controller's Office*

Glenn Pippenger, *Administrative Assistant, College Library. B.B.A., Northwestern University*

Georgette Pierre Louis, *Café Clerk, Lion Shop*

Joan Redd, *Administrative Assistant, Office of Vice President Institutional Advancement, B.A., University of Miami*

Lorenzo Reed, *Residence Hall Director, Residential Life*

Mirlande M. Registre, *Program Coordinator-AmeriCorp. B.S., Florida International University*

Sadie Reyes, *Library Technician, College Library. B.S., Florida Memorial College*

Roosevelt Richardson, *Women's Track Coach, Athletics Department*

Veronica Ricketts, *LPN/ Secretary, Health Clinic*

Robert Robaina, *Athletics Volleyball Coach, Athletics*

Gwendolyn Robinson, *Director of Pre-Student Teaching, School of Education. B.S., Bethune-Cookman College; M.A., Ed.D., University of Northern Colorado*

Faye Rodney, *Coordinator, CROP Program. Enrollment Office, B.S., Barry University of the Bahamas*

Maria Rodriguez-Ruiz, *Reference/ Archives Technician. B.A., M.L.S., University of Puerto Rico*

Julio Rojo, *Assistant Baseball Coach, Athletic Department*

Greta Samuels, *Secretary, Office of Public Affairs*

Sidra Sargent, *Office Assistant, Department of Freshmen Studies*

Tomasina Scott, *Financial Aid Administrator, Financial Aid Department, B.S., University of Florida*

Pomona Seay, *Cataloging Technician, College Library, B.S. Florida Memorial University*

Peter L. Shaw, *Auxiliary Services Coordinator/Café Supervisor Auxiliary Services*

Randy Simmons, *Assistant Women's Basketball Coach, Athletics*

Bernice Smith, *Periodicals Librarian (Part-Time), College Library. B.A., M.S.L.S., University of Pittsburgh*

Robert Smith, *Athletic Director, and Baseball Coach. Assistant Professor of Physical Education . B.S., Lincoln University, M.S., Indiana University*

James Sterlin, *Admissions Officer II, Office of Admissions*

Latasha Strawder, *Assistant Cheerleader Coach, Athletic Department*

Kozman D. Stroman, *Assistant Director of Financial Aid, Financial Aid Department, B.S., Florida Memorial College*

Casandra R. Stroy, *Coordinator, School of Graduate & Continuing Education. B.S., Florida A&M University, M.S., Florida Memorial University*

Nancy L. Summers, *Assistant Bursar, Controller's Office, B.S., Florida Memorial University*

Kimberly Tarver, *Secretary, School of Graduate and Continuing Education*

Pamela Tennell, *Director, Information Management & Technology. B.S., North Carolina Central University; B.S., Southern University*

Sheryl Thomas, *Accounting Assistant, Controller's Office, B.S., Florida Memorial College*

Rachel Turner, *Administrative Assistant, Special Assistant to the President; B.S., South Carolina State University*

Ginette Valal, *Secretary, School of Aviation Safety and Security*

Kenisha Walker, *Data Entry Clerk, Office of Admissions*

Trevor Walker, *Manager, Duplication Center*

Roscoe Warren, *Director of Enrollment Management B.S. Georgetown University*

Willie Warren, *Athletic Trainer, Department of Athletics*

Keith Webb, *Library Technical Services Technician, College Library*

Kathleen White-Clarke, *Residence Hall Director, Residential Life*

Cheryl Wilcher, *Periodical Technician, College Library, B.S., Florida Memorial University*

Chenique Wilcox, *Senior Accountant, Controller's Office, B.S., Florida Memorial College*

Angela Williams, *Secretary, School of Education, B.S., Florida Memorial University*

Argerine Williams, *Director, Student Support Services, M.S.W., Barry University*

Austin Williams, *Mail Clerk, Auxiliary Services*

Edward Williams, *Skills Lab Coordinator, Freshman Studies, B.S., Florida Memorial College*

Lynne M. Williams, *Residence Hall Counselor, Residential Life*

Valerie Williams, *Interim Director, Office of Human Resource Management, B.S. Barry University, M.S. University of Phoenix*

Cory Witherspoon, *Director of Development, Office of Development and College Relations. B.S., Bethune-Cookman College; MPA, Nova University*

Shaun Wolfe, *Network Technician, Information Management and Technology*

Trinetta Young, *Copy Center Clerk, Copy Center*

INDEX

A-C

Academic Affairs, 24
 Academic Appeal, 2
 Academic Calendar, vii-xi
 Academic Dismissal, 29
 Academic Honor Code, 42-43
 Academic Honors, 43
 Academic Progress, 28
 Academic Probation, 28
 Academic Regulations, 24-25
 Academic Standing, 28
 Academic Suspension, 28
 Academic Warning, 28
 Access to Student Records, 43-44
 Accounting, Major in, 128-129
 Accreditation, 4
 Add, Drop and Withdrawal, 40-41
 Admissions,
 Advance Placement (AP), 30-31
 Aeronautical Science, Major in, 117-118
 African American Studies,
 Minor in, 102
 Airway Science, Major in, 118-119
 Anti-Hazing Policy, 22
 Articulation Agreement, 31
 Attendance Policy, 35
 Auditing a Course, 41
 Aviation & Computer Science,
 Major in, 103-104
 Biology Education (6-12),
 Major in, 144-145
 Biology, Major in, 163-167
 Biology, Minor in, 176
 Biology/Nursing, Major in, 165-167
 Business Administration,
 Major in, 130-132
 Campus Directory, 9-10
 Campus Facilities and Resources, 6-9
 Campus Map, v-vii
 Career Development, 46-47
 Center for Academic Advisement, 47
 Center for Urban Environmental
 Studies, 47-48
 Change of Grades, 39
 Chemistry, Major in, B. S., 169;
 B.A., 169-170
 Chemistry, Minor in, 178

Classification of Students, 42
 College Level Examination Program
 (CLEP) Policies, 32-33
 Communications, Major in, 85-88
 Communications, Minor in, 88
 Computer Science, Major in, 60-63
 Computer Science, Minor in, 64
 Concurrent Enrollment, 41
 Core Curriculum, 50-52
 Course Cancellation, 40
 Course Descriptions, 180-281
 Credit by Examination, 27-28
 Credit for Life Experience, 156-157
 Criminal Justice, Major in, 74-78
 Criminal Justice, Minor in, 82-83

D-G

Deferred Payment Plan, 19
 Degree Programs, 25-27
 Developmental Courses, 52
 Dual Degree Engineering, 175-178
 Dual-Hospitality Mgmt Program,
 125-127
 Dual Majors, 34
 Ecology, Minor in, 178
 Economics, Minor in, 140-141
 Elementary Education,
 Major in, 145-146
 English, Major in, 88-92
 English, Minor in, 91
 Entrance Tests, 54
 Environmental Studies,
 Major in, 171-172
 Environmental Science, Minor in, 177
 Exam Permit, 19
 Exceptional Student Ed./ESOL K-12,
 Major in, 148-149
 Faculty, 284-291
 Family Educational Rights & Privacy
 Act (FERPA), 44
 Finance, Major in, 133-135
 Finance, Minor in, 141
 Financial Aid, 10
 Financial Information, 15-21
 Foreign Language, Minor in, 91
 Freshman and New/Transfer
 Student Orientation, 21

Freshman Studies, 54-57
 Grade Appeal, 38-39
 Grade Reports, 36
 Grading System and Quality Points, 35-36
 Graduation Requirements, 34
 Grants and Sponsored Research, 48-4

H-L

Health Ed, Minor,
 History, Minor in, 102-103
 Honor Societies, 37-38
 Honors Program, 53-54
 Human Res Mgmt, Major in, 135-137
 Human Res Mgmt, Minor in, 141
 Institutional Research, 49
 Institutional Statement of Purpose, 3-4
 Interdisciplinary Studies, Major in, 157-161
 International Studies, Major in, 79-80
 Library, Nathan W. Collier, 6-7

M-P

Mgmt Info Systems, Major in, 69-71
 Mgmt Info Systems, Minor in, 71
 Marketing, Major in, 137-141
 Mathematics, Major in, 74
 Mathematics, Minor in, 74
 Medical Technology, Major in, 172-173
 Memberships and Affiliations, 5
 Middle Grades English/ESOL (5-9), Major in, 147-148
 Middle Grades Math Education (5-9), Major in, 149-150
 Middle Grades Science (5-9), Major in, 150-152
 Music Education K-12, Major in, 152-153
 Music w/Elective Studies, Major in, 105-115
 Music, Minor in, 113-114
 Music, Church Music, Major in, 108-109
 Music, Jazz Studies, Major in, 109-111
 Physical Education (K-12), Major in, 153-154
 Physics, Major in, 174-175
 Physics, Minor in, 179
 Poli Sci/Public Admin, Major in, 80-82
 Poli Sci/Public Admin, Minor in, 83-84

Pre-College/Development Studies Program, 57
 President's Cabinet, 284
 Professional & Administrative Staff, 291-298
 Psychology, Major in, 95-96
 Psychology, Minor in, 103

R-S

Re-admission, 28
 Refunds or Adjustments, 20-21
 Refunds Schedule, 21
 Registration, 39
 Religion and Philosophy, Major in, 93
 Scholarships, 11
 Second Baccalaureate Degree, 34
 Service Charges, 16-17
 Services Charges, Description of, 17-18
 Social Sciences, Department of, 94-104
 Social Work, Major in, 96-100
 Social Work, Minor in, 103-104
 Sociology, Major in, 100-104
 Sociology, Minor in, 104
 Special Stipulations, 20
 Statement of Disclosure, iii
 Student Affairs, 21-22
 Student Records, 43-44

T-Z

Testing Center Services, 49-50
 Transfer Credits from Int'l Institutions, 33
 Transfer of Credits Policy, 29-30
 Transient Permit, 41
 Trustees, Board of, 282-282
 Tuition and Fees, 15-19
 Tuition and Fees, Payment of, 18-19
 University Library and Services, 48
 University Personnel, 282-298
 Veteran Affairs, 45-46
 Visual and Performing Arts, Department of, 91-99
 Visual Arts, Minor in, 104-105

Florida Memorial University
Nathan W. Collier Library
15800 NW 42nd Avenue
Miami Gardens, FL 33054-6199



15800 N.W. 42nd Avenue
Miami Gardens, FL 33054
305-626-3600 • 1-800-362-8600
www.fmuniv.edu